

Volume

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R0486

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BOOK A-486

FIELD NOTES

OF THE SURVEY OF THE

RECEIVED
FEB 8 1926
District Cadastral Engineer
Salt Lake City, Utah
HHS.

SURVEY OF THE EIGHTH STANDARD PARALLEL SOUTH THROUGH R. 14 E.;

THE WEST BOUNDARY AND SUBDIVISION OF T. 41 S., R. 14 E.

Of the Salt Lake Base And Meridian,

in the State of Utah.

EXECUTED BY

Chas. F. Moore

and

Edie S.C. Smith

in the capacity of U. S. Surveyor and Transitman under instructions dated September 24, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 152, which were approved by the Commissioner of the General Land

Office, October 2, 1923: And assignment instructions dated

May 7, 1924, and supplemental assignment instructions dated

September 27, 1924, and February 2, 1925.

Survey commenced March 9, 1925.

Survey completed March 19, 1925.

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INDEX DIAGRAM.

Township 41 South, Range 14 East

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Date Diagram

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All lines colored in black, were surveyed by

Chas. F. Moore, U.S. Surveyor.

All lines colored in red, were surveyed by

Eddie S.C. Smith, U.S. Transitman.

Survey commenced March, 9, 1925, and executed with Young and Son's light mountain transit Nos. 8396 and 8544. Transit No. 8396, was used by Chas. F. Moore, U. S. Surveyor, and transit No. 8544, was used by Edie S. C. Smith, U.S. Transitman.

The instruments were approved for use on this survey by the District Cadastral Engineer, for district No. 6, conditional upon satisfactory field tests in assignment instructions dated May 7, 1924, and supplemental assignment instructions dated September 27, 1924, and February 2, 1925.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers each, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, we proceed as follows.

March 8, 1925: At our camp, located in the northeast quarter of sec. 5, T. 41 S., R. 15 E., S.L.B. and Mer. Utah; in approximate latitude $37^{\circ}10'$ N., longitude $110^{\circ}18'$ W.; at 8h 25m p.m. local mean time, with instrument No. 8396, we observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake, driven firmly in the ground, about 10 chains N.

March 9, 1925: We lay off the azimuth of Polaris, $1^{\circ}22'$ to the east, and mark the meridian thus determined by

a tack in a stack, driven firmly in the ground, about 10 chain N.

At 9h 30m a.m. apparent time, with the instruments in the meridian, we set off $37^{\circ}10'$ N., on the latitude arcs; $4^{\circ}29'$ S., on the declination arcs; and determine a meridian with the solars, which we find to agree with the true meridian.

At apparent noon, with instrument No. 8396, in the meridian, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's lower limb, and the transit of the sun's east limb.

Mean observed altitude=	$48^{\circ} 23'$
Reduced latitude=	$37^{\circ} 10' \text{N.}$
Mean watch time of observation=	12h 15m 44s p.m.
Watch fast of local mean time=	0h 05m 30s

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $4^{\circ}26'30''$ S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $4^{\circ}22'30''$ S., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1' 30''$ of the true meridian, we conclude that the instruments are in satisfactory adjustment.

Near the completion of the survey of this township, we make a final test of the instruments as follows.

March 18, 1925: With the instruments in the meridian established by observation made on Polaris, as heretofore described; at 9h 30m a.m. apparent time, we set off $37^{\circ}10'$ N., on the latitude arcs; $0^{\circ}56'$ S.,

on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian. At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $0^{\circ}54'$ S., which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $0^{\circ}50'30''$ S., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1'30''$ of the true meridian, we conclude that the instruments are still in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made on meridians determined by observations made on Polaris.

Measurements.

Unless otherwise specified, all measurements are made with Lallie steel tapes, 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Chains

From the standard cor. of T. 40 S., Rs. 14 and 15 E.,
which is an iron post, 3 ins. diam., set, marked, and
witnessed as described in the finished notes of the
survey of T. 41 S., R. 15 E.

West, along the S. bdy. of sec. 36.

Over rolling bench land through scattering undergrowth.

12.00 Wash, 50 lks. wide, 5 ft. deep, drains NE.

40.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., surrounded
by a mound of stone, 4 ft. base, 3 ft. high, for
standard $\frac{1}{4}$ sec. cor., with brass cap marked.

SC
 $\frac{1}{4}$ S36

1925

52.40 Ridge, 50 ft. high, bears NW. and SE.

80.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., surrounded
by a mound of stone, 4 ft. base, 3 ft. high, for
standard cor. of secs. 35 and 36, with brass cap marked.

S C
T40S R14E
S35 S36

1925

Land, rolling with a general northwesterly exposure and
drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering shadscale, blackbrush and amole.

No timber.

Fair grazing.

West, along the S. bdy. of sec. 35.

Over rolling bench land through scattering undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., surrounded
by a mound of stone, 4 ft. base, 3 ft. high, for
standard $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of The
Eighth Standard Parallel South Through R. 14 E.

Chains

SC
 $\frac{1}{4}$ S35

1925

80.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., surrounded
by a mound of stone, 4 ft. base, 3 ft. high, for standard
cor. secs. 34 and 35, with brass cap marked.

S	C
T40S	R14E
<u>S34</u>	<u>S35</u>

1925

Land, low rolling hills and bench land with a general
northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, and amole.

No timber.

Fair grazing.

West, along the S. bdy. of sec. 34.

Over rolling bench land through scattering undergrowth.

19.00 Wash, 200 lks. wide, 10 ft. deep, drains SW.

40.00 On sandstone surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., surrounded
by a mound of stone, 4 ft. base, 3 ft. high, for
standard $\frac{1}{4}$ sec. cor., with brass cap marked.

SC
 $\frac{1}{4}$ S34

1925

44.00 Same wash as last, 60 lks. wide, 10 ft. deep, drains NW.

52.00 Wash, 60 lks. wide, 10 ft. deep, drains N.

80.00 True point for the cor. falls on steep slope of surface-
rock, where it is impracticable to set a permanent cor.

80.50 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the standard cor. of secs. 33 and 34,
with brass cap marked.

Survey of The

Eighth Standard Parallel South Through R. 14 E.

Chains

S	C
T41S	R14E
S33	S34

WC

1925

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, and amole.

No timber.

Fair grazing.

From the true point for the standard cor. of secs. 33 and 34.

West, along the S. bdy. of sec. 33.

Over broken sandstone surfacerock, through scattering undergrowth.

.50 The witness cor. to the standard cor. of secs. 33 and 34.

40.00 On sandstone surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., surrounded by a mound of stone, 4 ft. base, 3 ft. high, for standard $\frac{1}{4}$ sec. cor., with brass cap marked.

SC
$\frac{1}{4}$ S33

1925

48.40 Wash, 50 lks. wide, 10 ft. deep, drains NW.; ascend 50 ft. over sandstone rimrock, bears N. and S.

77.00 Base of gradual ascent over SE. slope of hill covered with cobble rock, bears NE. and SW.

80.00 On SE. slope of hill, 40 ft. above base.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for standard cor. of secs. 32 and 33, with brass cap marked.

S	C
T41S	R14E
S32	S33

1925

Survey of The

Eighth Standard Parallel South Through R. 14 E.

Chains

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of east
Land, broken surfacerock, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand in the depressions of the
surfacerock; 4th rate.

Undergrowth, scattering shadscale, blackbrush and amole.

No timber.

Poor grazing.

West, along the S. bdy. of sec. 32.

Over broken surfacerock through scattering undergrowth.

5.00 Ridge, 50 ft. high, bears NE. and SW.

14.10 Top of descent of 100 ft. over broken NW. slope, bears
NE. and SW.

40.00 At base of descent, at foot of small ledge, bears NW.
and SE.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
standard $\frac{1}{4}$ sec. cor., with brass cap marked.

SC
 $\frac{1}{4}$ S32

1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post,
marked with a cross (X).

50.00 Wash, 20 lks. wide, 4 ft. deep, drains NW,

80.00 On broken NW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in
the ground to bedrock and in a large mound of stone,
for standard cor. of secs. 31 and 32, with brass cap
marked.

S C
T40S | R14E
S31 | S32

1925

Deposit a sandstone, 10 x 8 x 6 ins., at base of post,
marked with a cross (X).

Chains

Land, broken surfacerock, with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering shadscale, blackbrush and amole.

No timber.

Poor grazing.

West, along the S. bdy. of sec. 31.

Over broken surfacerock through scattering undergrowth.

18.20 Top of sandstone rimrock, 60 ft. high, bears NW. and SE.

19.00 Wash, 40 lks. wide, 4 ft. deep, drains NW.

39.40 Top of sandstone rimrock, 30 ft. high, bears NE. and SW.

40.00 At base of ledge, 30 ft. high, bears NE. and SW.; on sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for standard $\frac{1}{4}$ sec. cor., with brass cap marked.

SC
 $\frac{1}{4}$ S31

1925

41.50 Same wash as last, drains SW.

46.50 Point on top of N. rim of canyon, 40 ft. high, bears N. 60° W. and S. 60° E.

51.00 Bend in same wash as last, drains SW. from the SE.

66.00 Same wash as last, drains NW.

80.00 On broken SW. slope.

Set an iron post, 3 ft. long, 3 in. diam., 27 ins. in the ground, for standard cor. of T. 40 S., Rs. 13 and 14 E., with brass cap marked.

SC
T40S
R13E R14E
S36 S31

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Survey of the

Eighth Standard Parallel South Through R. 14 E.

Chains

Land, broken surfacerock, with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surfacerock; 3rd rate:

Undergrowth, scattering shadscale, blackbrush and amole.

No timber.

Poor grazing.

Survey of the West Boundary of T. 41 S., R. 14 E.

From the cor. of Ts. 41 and 42 S., Rs. 13 and 14 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the finished notes of the survey of T. 42 S., R. 14 E.

North, bet. secs. 31 and 36, along the W. bdy. of the township.

Over broken surfacerock through scattering undergrowth.

- 7.90 Top of sandstone rimrock, 15 ft. high, bears NW. and SE.
- 10.20 Wash, 40 lks. wide, 5 ft. deep, drains NW.
- 39.00 Wash, 40 lks. wide, 4 ft. deep, drains NW.
- 40.00 On NE. bank of wash.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S36 | S31

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 80.00 At base of small ledge, bears NE. and SW.; on sandstone surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 25, 30, 31, and 36, with brass cap marked.

T41S
R13E | R14E
S25 | S30
S36 | S31

1925

Chains

Land, broken surfacerock, with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surfacerock; 4th rate.

Undergrowth, scattering mountain rush, amole plant, black and rabbit brush.

No timber.

Fair grazing.

North, bet. secs. 25 and 30.

Over broken surfacerock through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S25 | S30
 1925

Deposit a sandstone, 15 x 8 x 5 ins., at base of post, marked with a cross (X).

62.10 Top of rimrock, 15 ft. high, bears NW. and SE.; thence along the W. bank of wash which drains N.

74.50 Top of same rimrock, 15 ft. high, bears NE. and SW.

80.00 On gentle NW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 19, 24, 25, and 30, with brass cap marked.

T41S
 R13E | R14E
 S24 | S19
 S25 | S30
 1925

Deposit a sandstone, 10 x 8 x 5 ins., at base of post, marked with a cross (X).

Land, broken surfacerock with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the sandstone; 4th rate.

Survey of The West Boundary of T. 6N. 2E. R. 1E.

Chains

Undergrowth, scattering black and rabbit brush and mountain rush.

No timber.

Fair grazing.

North, bet. secs. 19 and 24.

Over rolling and broken bench land through scattering undergrowth.

7.00 Top of 60 ft. descent over rolling NE. slope.

10.50 Wash, 30 lks. wide, 5 ft. deep, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S24 \quad | \quad S19 \end{array}$$

1925

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

80.00 On left bank of wash, on surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 13, 18, 19, and 24, with brass cap marked.

$$\begin{array}{c} T41S \\ R13E \quad | \quad R14E \\ S13 \quad | \quad S18 \\ \hline S24 \quad | \quad S19 \end{array}$$

1925

Land, rolling and broken benches, with a general north-westerly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

Survey of The West Boundary of T. 41 S., R. 14 E.

Chains

North, bet. secs. 13 and 18.

Over rolling and broken bench land through scattering undergrowth.

3.60 Wash, 40 lks. wide, 5 ft. deep, drains NW.

5.00 Base of rimrock, 10 ft. high, bears NW. and SE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S13 | S18
 1925

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 7, 12, 13, and 18, with brass cap marked.

T41S
 R13E | R14E
 S12 | S7
 S13 | S18
 1925

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand; 4th rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber,

Fair grazing.

North, bet. secs. 7 and 12.

Over rolling and broken bench land through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of The West Boundary of T. 41 S., R. 14 E.

Chains

S12 | S7

1925

Deposit a sandstone, 15 x 14 x 12 ins., at base of post, marked with a cross (X).

52.20 Top of rimrock, 60 ft. high, bears NW. and SE.

56.00 Wash, 100 lks. wide, 6 ft. deep, drains NW.

62.00 Top of rimrock, 40 ft. high, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 1, 6, 7, and 12, with brass cap marked.

T41S
R13E R14E
S1 | S6
S12 | S7

1925

Deposit a sandstone, 12 x 8 x 3 ins., at base of post, marked with across (X).

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering smole plant, mountain rush, black, and rabbit brush.

No timber.

Fair grazing.

North, bet. secs. 1 and 6.

Over rolling land through scattering undergrowth.

22.80 Base of gradual ascent over rolling S. slope, bears E. and W.

37.00 Low ridge, 90 ft. high, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S1 | S6

1925

Survey of the West Boundary of T. 41 S., R. 14 E.

Chains

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

44.50 Top of gradual descent over rolling W. slope, bears E. and W.

73.70 Top of rimrock, 40 ft. high, bears E. and W.

75.50 Wash, 100 lks. wide, 6 ft. deep, drains NW.

77.00 Top of rimrock, 30 ft. high, bears NW. and SE.

78.58 Intersect the Eighth Standard Parallel South, East, 24.21 chs. dist. from the standard cor. of T. 40 S., R. 13 and 14 E., heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for closing cor. of T. 41 S., Rs. 13 and 14 E., with brass cap marked.

T40S R14E
S31

S1	S6
R13E	R14E
T41S	
CC	
1925	

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, rolling, broken in places by rimrock, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant, shadscale, black and rabbit brush.

No timber.

Fair grazing.

Subdivision of T. 41 S., R. 14 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, which is an iron post, 2 ins. diam., marked, set, and witnessed as described in the finished notes of the survey of T. 42 S., R. 14 E.

N. 0°01' W., bet. secs. 35 and 36.

Subdivision of T. 41 S., R. 14 E.

Chains

Over rolling land through scattering undergrowth.

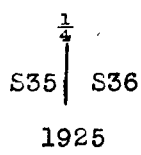
14.00 Outcrop of white sandstone, bears NE. and SW.

32.00 Draw, 10 ft. deep, drains NE.

39.70 Draw, 15 ft. deep, drains NE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

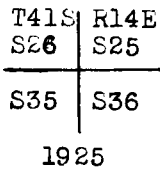


59.00 Ridge, 80 ft. above sec. cor., bears NE. and SW.

65.00 Wash, 30 lks. wide, 4 ft. deep, at base of ridge, 50 ft. below top, drains NE.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 25, 26, 35, and 36, with brass cap marked.



Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect the E. bdy. of the township, 19 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is a 2 in. iron post, set, marked and witnessed as described in the finished notes of the survey of T. 42 S., R. 15 E.

Chains

Thence,

S. 89°52' W., on true line bet. secs. 25 and 36.

Over rolling land through scattering undergrowth.

.10 Draw, 10 ft. deep, drains NE.

30.00 Draw, 30 ft. deep, drains NE.

39.98 On rolling NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S25
 $\frac{1}{4}$
S36

1925

Deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked with a cross (X).

51.00 Ridge, 80 ft. high, bears NE. and SW.

62.00 Draw, 20 ft. deep, drains NE.

78.00 Head of draw, 10 ft. deep, drains NE.

79.86 The cor. of secs. 25, 26, 35 and 36.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering amole plant, blackbrush, and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Over rolling land through scattering undergrowth.

11.00 Wash, 10 lks. wide, 4 ft. deep, drains NE.

20.00 Draw, 20 ft. deep, drains NE.

25.00 Low spur, projects SE., 3.00 chs. dist.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S26 | S25

1925

Subdivision of T. 41 S., R. 14 E.

Chains

aligned

45.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of so
Wash, 20 lks. wide, 4 ft. deep, drains NE.

79.89 On top of spur, 50 ft. high, projects SE.; on surface-
rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for witness cor. ~~at~~
the cor. of secs. 23, 24, 25 and 26, with brass cap
marked.

	W C
T41S	R14E
S23	S24
S26	S25

1925

80.00 True point for the cor. of secs. 23, 24, 25, and 26, falls
on steep NE. slope of surfacerock, where it is
impracticable to set a permanent cor. Mark a cross (X)
on the surfacerock at the true cor. point.

Land, rolling with a general northeasterly exposure and
drainage.

Soil, shallow, rocky loose sand; 3rd rate.

Undergrowth, scattering blackbrush, shadscale, and
mountain rush.

No timber.

Fair grazing.

From the true point for the cor. of secs. 23, 24, 25 and
26, which is N. 0°01' W., 11 lks. dist. from the witness
cor. to said secs.

N. 89°52' E., on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the E. bdy. of the township, 7 lks. N. of the
cor. of secs. 19, 24, 25 and 30, which is an iron post,
2 ins. diam., set, marked, and witnessed as described
in the finished notes of the survey of T. 41 S.,
R. 15 E.

Thence,

S. 89°55' W., on true line bet. secs. 24 and 25.

Chains

Over rolling land through scattering undergrowth.

39.90 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S24
 $\frac{1}{4}$
S25

1925

69.00 Wash, 10 lks. wide, 4 ft. deep, drains SE.

79.80 The true point for the cor. of secs. 23, 24, 25, and 26.

Land, rolling with a general northeasterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering shadscale, blackbrush, and mountain rush.

No timber.

Fair grazing.

From the true point for the cor. of secs. 23, 24, 25, and 26, which is N. $0^{\circ}01'$ W., 11 lks. dist. from the witness cor. to said secs.

N. $0^{\circ}01'$ W., bet. secs. 23 and 24.

Over rolling land through scattering undergrowth.

20.70 Ridge, 50 ft. high, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S23 | S24

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 13, 14, 23 and 24, with brass cap marked.

Chains

T41S	R14E
S14	S13
S23	S24

1925

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and blackbrush.

No timber.

Fair grazing.

N. 89°55' E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect the E. bdy. of the township, 3 lks. N. of the true point for the cor. of secs. 13, 18, 19, and 24, which is South, 10 lks. dist. from the witness cor. to said secs. and which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the finished notes of the survey of T. 41 S., R. 15 E.

Thence,

From the true point for cor. of secs. 13, 18, 19, and 24. S. 89°56' W., on true line bet. secs. 13 and 24.

Over rolling land through scattering undergrowth.

39.89 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S13
$\frac{1}{4}$
S24

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

79.78 The cor. of secs. 13, 14, 23 and 24.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand; 3rd rate.

Undergrowth, scattering shadscale, amole plant and blackbrush. No timber. Fair grazing.

Chains

N. 0°01' W., bet. secs. 13 and 14.

Over broken land through scattering undergrowth.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S14 | S13
 1925

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 11, 12, 13, and 14, with brass cap marked.

T41S | R14E
 S11 | S12
 ———
 S14 | S13
 1925

Land, broken with a general northwesterly exposure and drainage.

Soil, shallow rocky loose sand; 3rd rate.

Undergrowth, scattering amole plant, blackbrush and mountain rush.

No timber.

Fair grazing.

N. 89°56' E., on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect the E. bdy. of the township, 5 lks. N. of the cor. of secs. 7, 12, 13, and 18, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the finished notes of the survey of T. 41 S., R. 15E.

Thence,

S. 89°58' W., on true line bet. secs. 12 and 13.

Over broken land through scattering undergrowth.

39.94 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound

Chains

of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

$$\begin{array}{r} S12 \\ \frac{1}{4} \\ S13 \end{array}$$

1925

79.88 The cor. of secs. 11, 12, 13, and 14.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant and blackbrush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 11 and 12.

Over broken land through scattering undergrowth.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ S11 \end{array} \left| \begin{array}{c} S12 \end{array} \right.$$

1925

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

$$\begin{array}{c|c} T41S & R14E \\ S2 & S1 \\ \hline S11 & S12 \end{array}$$

1925

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant, blackbrush, and mountain rush.

No timber.

Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

N. 89°58' E., on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the E. bdy. of the township, 5 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the finished notes of the survey of T. 41 S., R. 15 E.

Thence,

S. 89°56' W., on true line bet. secs. 1 and 12.

Over broken land through scattering undergrowth.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S1
 $\frac{1}{4}$ —
S12

1925

Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

70.00 Draw, 20 ft. deep, drains NW.

79.90 The cor. of secs. 1, 2, 11, and 12.

Land, broken with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering amole plant, blackbrush, and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 1 and 2, on true line,

Over broken land through scattering undergrowth.

5.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

22.00 Ridge, 50 ft. high, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S2 | S1

1925

Subdivision of T. 41 S., R. 14 E.

Chains

Deposit a sandstone, 7 x 5 x 3 ins., at base of post, marked with a cross (X).

59.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.; thence ascend gradually over series of small ledges, bears NW. and SE.

79.47 Intersect the Eighth Standard Parallel South, East, 21.17 chs. dist. from the standard cor. of secs. 35 and 36, heretofore described.

At point of intersection; on surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 7 ft. high, for closing cor. of secs. 1 and 2, with brass cap marked.

P409 R14E
S36

T41S	R14E
S2	S1
C C	

1925

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering amole plant, blackbrush, and mountain rush.

No timber.

Fair grazing.

From the cor. of secs. 2, 3, 34, and 35, on the south boundary of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the finished notes of the survey of T. 42 S., R. 14 E. N. 0°01' W., bet. secs. 34 and 35.

Over rolling land through scattering undergrowth.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. long, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$
 S34 | S35
 1925

- 52.50 Wash, 20 lks. wide, 4 ft. deep, drains E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked.

T41S	R14E
S27	S28
S34	S35

 1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

Land, rolling with a general easterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

Timber, a few scattering scrub juniper.

Fair grazing.

East, on random line bet. secs. 26 and 35.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence,

N. 89°56' W., on true line bet. secs. 26 and 35.

Over rolling land through scattering undergrowth.

- 40.05 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec, cor, with brass cap marked.

$\frac{1}{4}$
 S26
 S35

1925

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

Subdivision of T. 41 S., R. 14 E.

Chains

51.30 Draw, 20 ft. deep, drains NW.

80.10 The cor. of secs. 26, 27, 34, and 35.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush,

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 26 and 27.

Over rolling land through scattering undergrowth.

10.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

35.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

1
S27 | S26

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

55.50 Wash, 10 lks. wide, 3 ft. deep, drains NW.

60.00 In surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 22, 23, 26, and 27, with brass cap marked.

T41S | R14E
S22 | S23
S27 | S26

1925

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber. Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

S. 89°56' E., on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.24 Intersect the N. and S. line, 5 lks. S. of the true point for the cor. of secs. 23, 24, 25, and 26, which is S. 0°01' E., 11 lks. dist. from the witness cor. to said secs.

Thence, from the true point for the cor. of secs. 23, 24, 25, and 26.

N. 89°58' W., on true line bet. secs. 23 and 26.

Over rolling land through scattering undergrowth.

20.00 Low ridge, bears NE. and SW.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{\frac{1}{2}}{S23} \quad \frac{1}{S26}$$

1925

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

80.24 The cor. of secs. 22, 23, 26, and 27.

Land, rolling, with a general northwesterly exposure and drainage.

Soil, shallow, loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 22 and 23.

Over rolling land through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{\frac{1}{2}}{S22} \quad \frac{1}{S23}$$

1925

Subdivision of T. 41 S., R. 14 E.

Chains

Deposit a sandstone, 8 x 6 x 3 ins., at base of post, marked with a cross (X).

62.00 Wash, 20 lks. wide, 4 ft. deep, drains W..

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 14, 15, 22, and 23, with brass cap marked.

T41S	R14E.
S15	S14
S22	S23

1925

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

S. 89°58' E., on random line bet. secs. 14 and 23.

40.00 Set temp. sec. cor.

80.28 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 13, 14, 23, and 24.

Thence,

N. 89°52' W., on true line bet. secs. 14 and 23.

Over rolling land through scattering undergrowth.

40.14 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for sec. cor., with brass cap marked.

S14
$\frac{1}{4}$
S23

1925

80.28 The cor. of secs. 14, 15, 22, and 23.

Land, rolling with a general northwesterly exposure and drainage.

Chains

Soil, shallow, loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Over rolling land through scattering undergrowth.

39.80 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	↓	
S15	|	S14
1925		

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 10, 11, 14, and 15, with brass cap marked.

T41S	R14E
S10	S11
S15	S14
1925	

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant and mountain rush.

No timber.

Fair grazing.

S. 89°52' E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the N. and S. line, at the cor. of secs. 11, 12, 13, and 14.

Thence,

Chains

N. 89°52' W., on true line bet. secs. 11 and 14.

Over rolling land through scattering undergrowth.

40.10 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S11
 $\frac{1}{4}$ ———
S14

1925

65.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

80.20 The cor. of secs. 10, 11, 14, and 15.

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 10 and 11.

Over rolling land through scattering undergrowth.

9.70 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S10 | S11
1925

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 2, 3, 10, and 11, with brass cap marked.

T41S | R14E
S3 | S2
S10 | S11

1925

Chains

Deposit a sandstone, 8 x 5 x 4 ins., at base of post marked with a cross (X).

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

S. 89°52' E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.24 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 1, 2, 11, and 12.

Thence,

N. 89°51' W., on true line bet. secs. 2 and 11.

Over broken land through scattering undergrowth.

11.90 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.12 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

82

811

1925

Deposit a sandstone, 6 x 6 x 6 ins., at base of post, marked with a cross (X).

51.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

63.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

80.24 The cor. of secs. 2, 3, 10, and 11.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, loose, sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

N. 0°01' W., bet. secs. 2 and 3, on true line,
Over rolling land through scattering undergrowth.

5.30 Wash, 20 lks. wide, 4 ft. deep, drains NW.

33.90 Wash, 30 lks. wide, 5 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 4 ft. base, 3 ft. high, for 1 sec. cor., with
brass cap marked.

1
4
S3 | S2
1925

79.18 Intersect the Eighth Standard Parallel South, east,
20.94 chs. dist. from the standard cor. of secs. 34 and
35, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for closing cor. of secs. 2 and 3, with brass
cap marked.

T4CS R14E
S35

S3 | S2
T41S R14E
C | C

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

Land, rolling with a general northwesterly exposure
and drainage.

Soil, shallow loose sand, 3rd rate.

Undergrowth, scattering blackbrush, amole plant and
mountain rush.

No timber.

Fair grazing.

Chains

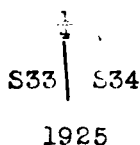
From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the finished notes of the survey of T. 42 S., R. 14 E.

N. 0°02' W., bet. secs. 33 and 34.

Over rolling land through scattering undergrowth.

40.00 On surfacerock, mark a cross (X), over which.

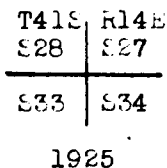
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked.



63.50 A large sandstone boulder on line.

70.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 27, 28, 33, and 34, with brass cap marked.



Deposit a sandstone, 10 x 9 x 7 ins., at base of post, marked with a cross (X).

Land, rolling benches, broken in places by sandstone outcroppings, with a general northwesterly exposure and drainage.

Soil, shallow, rocky loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

Chains

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the N. and S. line, 9 lks. N. of the cor. of
secs. 26, 27, 34 and 35.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 27 and 34.

Over rolling land through scattering undergrowth.

39.97 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

S27

S34

1925

Deposit a sandstone, 10 x 9 x 8 ins., at base of post,
marked with a cross (X).

47.00 Draw, 20 ft. deep, drains SW.

79.94 The cor. of secs. 27, 28, 33, and 34.

Land, rolling with a general northwesterly exposure and
drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and
mountain rush.

No timber.

Fair grazing.

N. $0^{\circ}02'$ W., bet. secs. 27 and 28.

Over rolling land through scattering undergrowth.

7.50 Wash, 30 lks. wide, 5 ft. deep, drains SW.

21.00 Rocky ridge, 50 ft. high, bears NW. and SE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

$\frac{1}{4}$

S28

S27

1925

Chains

- 80.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T41S	R14E
S21	S22
S28	S27
1925	

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

S. 89°56' E., on random line bet. secs. 22 and 27.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 80.02 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,

N. 89°55' W., on true line, bet. secs. 22 and 27.

Over rolling land through scattering undergrowth.

- 17.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S22
$\frac{1}{4}$
S27

1925

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

- 40.50 Wash, 30 lks. wide, 5 ft. deep, drains NW.

- 80.02 The cor. of secs. 21, 22, 27 and 28.

Land, rolling with a general northwesterly exposure and drainage.

Subdivision of T. 41 S., R. 14 E.

Chains

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant and mountain rush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Over rolling land through scattering undergrowth.

19.00 Top of 90 ft. descent over rolling NE. slope.

39.50 Wash, 25 lks. wide, 4 ft. deep, drains NW.

40.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for sec. cor., with brass cap marked.

1
S21 | S22

1925

53.10 Wash, 10 lks. wide, 3 ft. deep, drains SW.

80.00 On gentle NW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

T41S | R14E
S16 | S15
S21 | S22

1925

Deposit a sandstone, 14 x 10 x 6 ins., at base of post, marked with a cross (X).

Land, rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

S. $89^{\circ}55'$ E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 3 lks. S. of the cor. of
secs. 14, 15, 22 and 23.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 15 and 22.

Over broken and rolling land through scattering undergrowth.

9.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

39.95 On gentle NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S15}{S22}$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

56.30 Wash, 20 lks. wide, 4 ft. deep, drains NW.

60.00 Top of 50 ft. ascent, bears N. and S.

67.10 Line passes over natural mound of stone, 30 ft. base,
15 ft. high.

79.90 The cor. of secs. 15, 16, 21 and 22.

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and
mountain rush.

No timber.

Fair grazing.

N. $0^{\circ}02'$ W., bet. secs. 15 and 16.

Over rolling and broken land through scattering under-
growth.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

Subdivision of T. 41 S., R. 14 E.

Chains

$\frac{1}{4}$
 S16 | S15
 1925

- 60.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 9, 10, 15 and 16, with brass cap marked.

T41S	R14E
S9	S10
S16	S15

 1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

Land, broken and rolling, with general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

S. 89°56' E., on random line bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 79.90 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence,

S. 89°59' W., on true line bet. secs. 10 and 15.

Over rolling land through scattering undergrowth.

- 17.50 Wash, 20 lks. wide, 4 ft. deep, drains NW.

- 39.95 On surfacerock, mark a cross (X), over which.

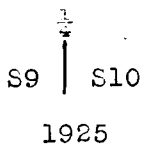
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S10
 S15
 1925

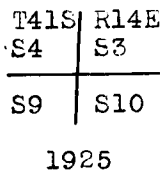
Chains

79.90 The cor. of secs. 9, 10, 15 and 16.
 Land, rolling, with a general northwesterly exposure
 and drainage.
 Soil, shallow loose sand; 3rd rate.
 Undergrowth, scattering blackbrush, amole plant, and
 mountain rush.
 No timber.
 Fair grazing.

N. 0°02' W., bet. secs: 9 and 10.
 Over rolling land through scattering undergrowth.
 25.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.
 40.00 On surfacerock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound
 of stone, 4 ft. base, 3 ft. high, for sec. cor., with
 brass cap marked.



80.00 On surfacerock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 2 ins. diam., in a mound
 of stone, 4 ft. base, 3 ft. high, for cor. of secs.
 3, 4, 9 and 10, with brass cap marked.



Land, rolling with a general northwesterly exposure and
 drainage.
 Soil, shallow loose sand; 3rd rate.
 Undergrowth, scattering blackbrush, amole plant, and
 mountain rush.
 No timber.
 Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

N. 89°59' E., on random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Trence,

N. 89°57' W., on true line bet. secs. 3 and 10.

Over broken land, through scattering undergrowth.

39.96 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S3
—
S10

1925

77.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

79.92 The cor. of secs. 3, 4, 9, and 10.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant and mountain rush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 3 and 4, on true line,

Over rolling land through scattering undergrowth.

16.30 Wash, 50 lks. wide, 10 ft. deep, drains NW.; several large water pockets found in bottom of wash near line.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S4 | S3
1925

79.10 Intersect the Eighth Standard Parallel South, East 20.94

Chains

chs. dist. from the true point for the standard cor.
of secs. 33 and 34, which is East, 50 lks. dist. from
the witness cor. to said secs.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in
the ground to bedrock and in a large mound of stone, for
closing cor. of secs. 3 and 4, with brass cap marked.

T40S R14E
S34

S4	S3
T41S	R14E
C	C

1925

Deposit a sandstone, 8 x 7 x 5 ins., at base of post,
marked with a cross (X).

Land, rolling with a general northwesterly exposure and
drainage.

Soil, shallow loose sand; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and
mountain rush.

No timber.

Fair grazing.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy.
of the township, which is an iron post, 2 ins. diam.,
set, marked, and witnessed as described in the finished
notes of the survey of T. 42 S., R. 14 E.

N. 0°03' W., bet. secs. 32 and 33.

Over rolling land through scattering undergrowth.

40.00 On level bench land.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in
the ground to bedrock and in a large mound of stone,
for sec. cor., with brass cap marked.

S32	S33
-----	-----

1925

Subdivision of T. 41 S., R. 14 E.

Chains

Deposit a sandstone, 8 x 6 x 6 ins., at base of post,
marked with a cross (X).

56.40 Wash, 25 lks. wide, 6 ft. deep, drains NW.

76.70 Sandstone rimrock, 15 ft. high, bears NW. and SE.

79.00 Same rimrock, bears NE. and SW.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for cor. of secs.

28, 29, 32 and 33, with brass cap marked.

T41S	R14E
S29	S28
S32	S33

1925

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and
mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. sec. cor.

80.00 Intersect the E. and S. line at the cor. of secs. 27, 28,
33 and 34.

Thence,

West, on true line bet. secs. 28 and 33.

Over broken and rolling land through scattering under-
growth.

13.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground to bedrock and in a large mound of stone, for
sec. cor., with brass cap marked.

S28
+
S33

1925

Chains

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X).

68.20 Wash, 20 lks. wide, 4 ft. deep, drains NW.

79.00 Top of rimrock, 15 ft. high, bears N. and S.

80.02 The cor. of secs. 28, 29, 32 and 33.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 28 and 29.

Over rolling and broken land through scattering undergrowth.

5.00 Top of rimrock, 15 ft. high, bears NW. and SE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for 1/2 sec. cor., with brass cap marked.

S29 | S28

1925

58.60 Top of rimrock, 15 ft. high, bears NW. and SE.

61.00 Wash, 20 lks. wide, 4 ft. deep, drains NW.

63.30 Same wash, drains NE.

65.10 Top of rimrock, 15 ft. high, bears NW. and SW.

67.60 Same wash as last, drains NW.

70.10 Top of rimrock, 15 ft. high, bears NW. and SE.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

Subdivision of T. 41 S., R. 14 E.

Chains

T41S	R14E
S20	S21
S29	S28

1925

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant, and mountain rush.

No timber.

Fair grazing.

East, on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the N. and S. line, 21 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence,

N. 89°51' W., on true line bet. secs. 21 and 28.

Over rolling and broken land through scattering undergrowth.

39.97 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$	S21
	S28

1925

79.94 The cor. of secs. 20, 21, 28 and 29.

Land, rolling and broken with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering blackbrush, amole plant and mountain rush.

No timber.

Fair grazing.

Chains

N. 0°03' W., bet. secs. 20 and 21.

Over rolling and broken land through scattering undergrowth.

6.00 Wash, 10 lks. wide, 3 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20	S21
1925	

79.50 Wash, 10 lks. wide, 4 ft. deep, drains NW.

80.00 On right bank of wash, bears NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T41S	R14E
S17	S16
S20	S21
1925	

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked with a cross (X).

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, and black and rabbit brush.

No timber.

Fair grazing.

S. 89°51' E., on random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 26 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence,

S. 89°58' W., on true line bet. secs. 16 and 21.

Subdivision of T. 41 S., R. 14 E.

Chains

Over rolling and broken land through scattering undergrowth.

17.50 Top of rimrock, 10 ft. high, bears N. and S.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S16

S21

1925

Deposit a sandstone, 13 x 9 x 4 ins., at base of post, marked with a cross (X).

79.90 The cor. of secs. 16, 17, 20 and 21.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock ; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over rolling and broken land through scattering undergrowth.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S17 | S16

1925

51.30 Wash, 100 lks. to the W. of line, drains N.

56.30 Top of large sandstone boulder.

63.20 Top of rimrock, 15 ft. high, bears E. and W.

67.50 Wash, 20 lks. wide, 3 ft. deep, drains W.

70.10 Top of rimrock, 15 ft. high, bears NE. and SW.

Subdivision of T. 41 S., R. 14 E.

Chain

- 80.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 8, 9, 16, and 17, with brass cap marked.

T41S	R14E
S8	S9
S17	S16

1925

Land, rolling and broken, with general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

N. 89°58' E., on random line bet. secs. 9 and 16.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 79.80 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15 and 16.

Thence,

S. 89°54' W., on true line bet. secs. 9 and 16.

Over rolling and broken land through scattering undergrowth.

- 22.70 Wash, 30 lks. wide, 5 ft. deep, drains NW.

- 27.70 Top of rimrock, 30 ft. high, bears NW. and SE.

- 39.90 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S9
$\frac{1}{4}$
S16

1925

- 79.80 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken, with general northwesterly exposure and drainage.

Subdivision of T. 41 S., R. 14 E.

Chains

Soil, shallow loose sand and rock; 3rd rate.
Undergrowth, scattering blackbrush, amole plant and mountain rush.
No timber.
Fair grazing.

N. 0°03' W., bet. secs. 8 and 9.

Over rolling and broken land through scattering undergrowth.

- 40.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for sec. cor., with brass cap marked.

S8	S9
1925	

- 66.10 Top of rimrock, 12 ft. high, bears NW. and SE.
68.50 Wash, 15 lks. wide, 3 ft. deep, drains NW.
80.00 On surfacerock, mark a cross (X), over which
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T41S	R14E
S5	S4
S8	S9
1925	

Land, rolling and broken, with general northwesterly exposure and drainage.
Soil, shallow loose sand and rock; 3rd rate.
Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.
No timber.
Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains.

N. 89°54' E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the N. and S. line, 30 lks. N. of the cor. of
secs. 3, 4, 9 and 10.

Thence,

N. 89°53' W., on true line bet. secs. 4 and 9.

Over rolling and broken land through scattering under-
growth.

19.40 Top of rimrock, 20 ft. high, bears NE. and SW.

26.70 Base of rimrock, 25 ft. high, bears NW. and SE.

39.90 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

S4
 $\frac{1}{4}$ ———
S9

1925

43.00 Wash, 30 lks. wide, 4 ft. deep, drains NW., at base of
rimrock, 50 ft. high, bears NW. and SE.

44.60 Top of rimrock, 40 ft. high, bears NW. and SE.

79.80 The cor. of secs. 4, 5, 8 and 9.

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 4 and 5, on true line,

Over rolling and broken land through scattering under-
growth

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

Subdivision of T. 41 S., R. 14 E.

Chains

$\begin{array}{c} \uparrow \\ 65 \end{array} \begin{array}{c} / \\ S4 \end{array}$

1925

- 41.70 Wash, 30 lks. wide, 5 ft. deep, drains W.
- 79.04 Intersect the Eighth Standard Parallel South, East 21.35
chs. dist. from the standard cor. of secs. 32 and 33,
heretofore described.

At point of intersection.

On surfacerock mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for closing cor. of
secs. 4 and 5, with brass cap marked.

$\begin{array}{c} T40S R14E \\ S33 \\ \hline S5 \quad S4 \\ T41S \quad R14E \\ C \quad C \end{array}$

1925

Land, rolling and broken, with general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.
of the township, which is an iron post, 2 ins. diam.,
set, marked, and witnessed as described in the finished
notes of the survey of T. 42 S., R. 14 E.

N. 0°03' W., bet. secs. 31 and 32.

Over rolling and broken land through scattering under-
growth.

- 40.00 On surfacerock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

S31 | S32

1925

- 76.80 Top of rimrock, 20 ft. high, bears NW. and SE.
- 79.80 Wash, 20 lks. wide, 4 ft. deep, drains NW.
- 80.00 On right bank of wash; on surfacerock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T41S | R14E
S30 | S29

S31 | S32

1925

Land, broken and rolling with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, at the cor. of secs. 28, 29, 32 and 33.

Thence,

West, on true line bet. secs. 29 and 32.

Over rolling and broken land through scattering undergrowth.

4.50 Wash, 10 lks. wide, 3 ft. deep, drains NW.

6.50 Top of rimrock, 15 ft. high, bears NW. and SE.

40.02 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 41 S., R. 14 E.

Chains	<div style="text-align: center;"> S29 <hr style="width: 50px; margin: 0 auto;"/> S32 1925 </div>
75.30	Top of rimrock, 20 ft. high, bears NW. and SE.
80.04	The cor. of secs. 29, 30, 31 and 32. Land, rolling and broken, with a general northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth, scattering amole plant, mountain rush, black and rabbit brush. No timber. Fair grazing.
40.00	West, on random line bet. secs. 30 and 31. Set temp. sec. cor.
77.74	Intersect the W. bdy. of the township, 7 lks. S. of the cor. of secs. 25, 30, 31 and 36, heretofore described. Thence, S. 89°57' E., on true line bet. secs. 30 and 31.
30.30	Over rolling and broken land through scattering undergrowth. Wash, 30 lks. wide, 5 ft. deep, drains NE.
37.74	On surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.
64.00	<div style="text-align: center;"> S30 <hr style="width: 50px; margin: 0 auto;"/> S31 1925 </div> Top of rimrock, 15 ft. high, bears NW. and SE.
65.50	Wash, 25 lks. wide, 5 ft. deep, drains NW.
68.50	Same wash, drains SW.
75.00	Same wash, drains NW.
77.74	The cor. of secs. 29, 30, 31 and 32. Land, rolling and broken, with a general northwesterly exposure and drainage.

Chains

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

N. 0°03' W., bet. secs. 29 and 30.

Over rolling and broken land through scattering under-
growth.

6.10 Top of rimrock, 20 ft. high, bears NW. and SE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 4 ft. base, 3 ft. high, for sec. cor., with
brass cap marked.

S30	S29
1925	

43.70 Top of rimrock, 40 ft. high, bears NW. and SE.

45.60 Wash, 20 lks. wide, 4 ft. deep, drains NW.

48.70 Top of rimrock, 50 ft. high, bears NW. and SE.

80.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for cor. of secs.
19, 20, 29 and 30, with brass cap marked.

T41S	R14E
S19	S20
S30	S29
1925	

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

Chains

East, on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 23 lks. S. of the cor. of
secs. 20, 21, 28 and 29.

Thence,

S. $89^{\circ}50'$ W., on true line bet. secs. 20 and 29.

Over rolling and broken land through scattering under-
growth.

20.30 Top of rimrock, 25 ft. high, bears NW. and SE.

23.70 Wash, 30 lks. wide, 5 ft. deep, drains NW.

25.30 Top of rimrock, 25 ft. high, bears NW. and SE.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

S20
 $\frac{1}{4}$ —————
S29
1925

74.00 Head of draw, 20 ft. deep, drains NW.

80.00 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and broken, with general northwesterly
exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

N. $89^{\circ}57'$ W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.70 Intersect the W. bdy. of the township, 14 lks. S. of the
cor. of secs. 19, 24, 25 and 30, heretofore described.

Thence,

S. $89^{\circ}51'$ E., on true line bet. secs. 19 and 30.

Over rolling and broken land through scattering under-
growth.

Subdivision of T. 41 S., R. 14 E.

Chains

3.00 Top of rimrock, 15 ft. high, bears NE. and SW.

8.10 Wash, 40 lks. wide, 4 ft. deep, drains N.

10.70 Top of rimrock, 15 ft. high, bears N. and S.

37.70 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

$\frac{1}{4}$ S19
S30

1925

47.70 Top of rimrock, 15 ft. high, bears NW. and SE.

49.80 Wash, 30 lks. wide, 4 ft. deep, drains NW.

52.70 Top of rimrock, 15 ft. high, bears NW. and SE.

77.70 The cor. of secs. 19, 20, 29 and 30.
Land, rolling and broken, with a general northwesterly
exposure and drainage.
Soil, shallow loose sand and rock; 3rd rate.
Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.
No timber.
Fair grazing.

N. 0°03' W., bet. secs. 19 and 20.

Over rolling and broken land through scattering under-
growth.

8.40 Wash, 10 lks. wide, 3 ft. deep, drains NW.

40.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor.,
with brass cap marked.

$\frac{1}{4}$ /
S19 | S20
1925

49.50 Top of rimrock, 10 ft. high, bears NW. and SE.

52.00 Top of rimrock, 25 ft. high, bears NW. and SE.

Subdivision of T. 41 S., R. 14 E.

Chains

- 52.80 Wash, 20 lks. wide, 4 ft. deep, at base of rimrock, 25 ft. high; wash, drains NW.; rimrock bears NW. and SE.
- 57.40 Wash, 30 lks. wide, 4 ft. deep, drains W.
- 80.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T41S	R14E
S18	S17
S19	S20

1925

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

N. 89°50' E., on random line bet. secs. 17 and 20.

40.00 Set temp. sec. cor.

80.04 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

S. 89°56' W., on true line bet. secs. 17 and 20.

Over rolling and broken land through scattering undergrowth.

.80 Wash, 10 lks. wide, 3 ft. deep, drains NW.

40.02 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S17

S20

1925

47.00 Top of 60 ft. descent over rimrock, bears NW. and SE.

Subdivision of T. 41 S., R. 14 E.

Chains	
52.50	Wash, 30 lks. wide, 4 ft. deep, drains NW.; ascent 60 ft. over rimrock, bears NW. and SE.
54.90	Top of rimrock, bears NW. and SE.
80.04	The cor. of secs. 17, 18, 19 and 20.
	Land, broken and rolling with a general northwesterly exposure and drainage.
	Soil, shallow loose sand in the depressions of the surfacerock; 3rd rate.
	Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.
	No timber.
	Fair grazing.
	N. 89°51' W., on random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.58	Intersect the W. bdy. of the township, 9 lks. N. of the cor. of secs. 13, 18, 19 and 24.
	Thence,
	S. 89°55' E., on true line bet. secs. 18 and 19.
	Over rolling and broken land through scattering undergrowth.
3.50	Draw, 10 ft. deep, drains NW.
30.00	Base of 50 ft. ascent over broken W. slope of ridge, bears N. and S.
35.50	Top of ridge, bears N. and S.; descend 20 ft. over rimrock.
37.58	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	S18
	$\frac{1}{4}$ sec. cor.
	S19
	1925
	Deposit a sandstone, 10 x 6 x 4 ins., at base of post, marked with a cross (X).
41.80	Top of 35 ft. descent over rimrock, bears N. and S.

Subdivision of T. 41 S., R. 14 E.

Chains

- 45.00 Wash, 30 lks. wide, 4 ft. deep, drains NW.
- 50.40 An old Indian hogan, bears South, 50 lks. dist. from line
- 51.20 Wash, 20 lks. wide, 3 ft. deep, drains NW.; ascend 15 ft. over rimrock.
- 77.58 The cor. of secs. 17, 18, 19 and 20.
- Land, rolling and broken, with a general northwesterly exposure and drainage.
- Soil, shallow loose sand in the depressions of the surfacerock.
- Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.
- No timber.
- Fair grazing.

N. 0°03' W., bet. secs. 17 and 18.

Over rolling and broken land through scattering undergrowth.

- 16.30 Top of 15 ft. descent over rimrock, bears NW. and SE.
- 18.70 Wash, 20 lks. wide, 4 ft. deep, drains NW.; ascend 15 ft. over rimrock, bears NW. and SE.
- 20.00 Top of rimrock, bears NW. and SE.
- 40.00 Point for the 1 sec. cor. falls in bottom of wash, 20 lks. wide, 30 ft. deep, drains NW., where it is impossible to set a permanent cor.
- 41.00 On surfacerock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for witness cor. to the 1 sec. cor. secs. 17 and 18, with brass cap marked.

$\frac{1}{4}$
 S18 | S17
 W | C
 1925

- 49.90 Top of rimrock, 20 ft. high, bears NW. and SE.
- 80.00 On surfacerock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 7, 8, 17 and 18, with brass cap marked.

Subdivision of T. 41 S., R. 14 E.

Chains

T41S	R14E
S7	S8
S18	S17

1925

Land, rolling and broken with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surface-rock.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

N. 89°56' E., on random line bet. secs. 8 and 17.

40.00 Set temp. sec. cor.

80.00 Intersect the N. and E. line at the cor. of secs. 8, 9, 16 and 17.

Thence,

S. 89°56' W., on true line bet. secs. 8 and 17.

Over rolling and broken land through scattering undergrowth.

24.00 Top of rimrock, 5 ft. high, bears N. and S.

27.90 Wash, 25 lks. wide, 4 ft. deep, drains N., at base of rimrock, bears N. and S.; ascend 40 ft. over rimrock, bears N. and S.

29.00 Top of rimrock, bears N. and S.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for sec. cor., with brass cap marked.

S8
+
S17

1925

80.00 The cor. of secs. 7, 8, 17 and 18.

Land, broken and rolling with a general northerly exposure and drainage.

Soil, shallow loose sand in the depression of the surfacerock; 3rd rate.

Chains

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

N. 89°55' W., on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

77.48 Intersect the W. bdy. of the township, 5 lks. N. of the
cor. of secs. 7, 12, 13 and 18, heretofore described.
Thence,

S. 89°57' E., on true line bet. secs. 7 and 18.

Over rolling and broken land through scattering under-
growth.

12.10 Top of 30 ft. descent over rimrock, bears N. and S.

14.00 Wash, 70 lks. wide, 6 ft. deep, drains N.; ascend 20 ft.
over rimrock.

17.10 Top of rimrock, bears N. and S.

37.48 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for $\frac{1}{2}$ sec. cor.,
with brass cap marked.

S7

$\frac{1}{2}$ S18

1925

53.80 Top of 30 ft. descent over rimrock, bears NE. and SW.

62.00 Wash, 30 lks. wide, 2 ft. deep, drains NW.; ascend 30 ft.
over rimrock.

72.00 Top of rimrock, bears N. and S.

77.48 The cor. of secs. 7, 8, 17 and 18.

Land, broken and rolling with a general northerly
exposure and drainage.

Soil, shallow loose sand in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush,
black and bitter brush.

No timber. Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

N. 0°03' W., bet. secs. 7 and 8.

Over rolling and broken land through scattering undergrowth.

21.20 Top of 90 ft. descent over ledges and rimrock, bears NE. and SW.

25.00 Wash, 100 lks. wide, 5 ft. deep, drains NE.; ascend 70 ft. over rimrock and ledges.

29.70 Top of rimrock and ledges, bears NE. and SW.

40.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for sec. cor., with brass cap marked.

27	28
1925	

56.60 Top of 30 ft. descent over rimrock, bears NW. and SE.

59.20 Wash, 30 lks. wide, 4 ft. deep, drains NW.; ascend 30 ft. over rimrock.

62.00 Top of rimrock, bears NW. and SE.

80.00 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.

26	25
27	28
1925	

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

Subdivision of T. 41 S., R. 14 E.

Chains

- N. $89^{\circ}56'$ E., on random line bet. secs. 5 and 8.
- 40.00 Set temp. 1 sec. cor.
- 79.90 Intersect the N. and S. line, 5 lks. S. of the cor. of
secs. 4, 5, 8 and 9.
- Thence,
S. $89^{\circ}54'$ W., on true line bet. secs. 5 and 8.
- Over rolling and broken land through scattering under-
growth.
- 39.95 On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 4 ft. base, 3 ft. high, for 1 sec. cor., with
brass cap marked.

S5

S8

1925

- 72.50 Top of rimrock, 30 ft. high, bears NW. and SE.
- 79.90 The cor. of secs. 5, 6, 7 and 8.
- land, broken and rolling, with a general northwesterly
exposure and drainage.
- Soil, shallow loose sand, in the depressions of the
surfacerock; 3rd rate.
- Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.
- No timber.
- Fair grazing.

- N. $89^{\circ}57'$ W., on random line bet. secs. 6 and 7.
- 40.00 Set temp. 1 sec. cor.
- 77.39 Intersect the W. bdy. of the township, 12 lks. S. of the
cor. of secs. 1, 6, 7 and 12.
- Thence,
S. $89^{\circ}52'$ E., on true line bet. secs. 6 and 7.
- Over rolling and broken land through scattering
undergrowth.
- 37.39 On surfacerock, mark a cross (X), over which.

Subdivision of T. 41 S., R. 14 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6
+
S7

1925

61.70 Top of 60 ft. descent over rimrock, bears NW. and SE.

65.70 Wash, 30 lks. wide, 4 ft. deep, drains NW.; ascend 50 ft. over rimrock.

66.40 Top of rimrock, bears NW. and SE.

77.39 The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand in the depressions of the surfacerock.

Undergrowth, scattering amole plant, mountain rush, black and rabbit brush.

No timber.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 5 and 6. on true line,

Over rolling and broken land through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

+
S6 | S5

1925

Deposit a sandstone, 10 x 7 x 5 ins., at base of post, marked with a cross (X).

42.90 Wash, 30 lks. wide, 4 ft. deep, drains NW.

78.91 Intersect the Eighth Standard Parallel South, East 21.49 chs. dist. from the standard cor. of secs. 31 and 32. At point of intersection.

Subdivision of T. 41 S., R. 14 E.

Chains

On surfacerock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 4 ft. base, 3 ft. high, for closing cor. of
secs. 5 and 6, with brass cap marked.

T40S R14E
S32

S6	S5
T41S	R14E
C	C

1925

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow loose sand in the depressions of the
surfacerock.

Undergrowth, scattering amole plant, mountain rush,
black and rabbit brush.

No timber.

Fair grazing.

Latitudes, Departures, And Closing Errors In

T. 41 S., R. 14 E.

Lines designated.	True bearings.	Diste ances. Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. Bdy. T41S R14E	South	478.58	.....	478.58	.....	.....
S. Bdy. T41S R14E	East	477.82	.....	.....	477.82	.....
E. Bdy. T41S R14E	North	479.35	479.35	.....	.....	.....
8th S. P. S. R14E	West	476.90	.....	.....	.....	476.90
Convergency	West	.....	.....	.....	.....	.55
			479.35	478.58	477.82	477.45
			478.58		477.45	
Errors in Latitude and Departure			0.77		0.37	

General Description of T. 41 S., R. 14 E.

This township covers a greater portion of the country locally know as Tanner's Point, so named about thirty years ago, when a stockman named Tanner, wintered approximately two-thousand head of cattle at this point.

The east portion of the township, consists of low rolling benches, broken in places by sandstone rimrock. The west portion is more rough, being cut by deep washes and broken by sandstone ledges and rimrock.

The township in general, has a northwesterly exposure and drainage, and is covered with a scattering undergrowth of amole plant, mountain rush, black and rabbit brush, and native grass, which afford fair grazing for stock during the winter months.

Small water pockets in the sandstone s rface rock, were found throughout the west portion of the township, which contain water only during the stormy seasons of the year. There were no springs or stream found in the township.

The only timber found in the township, was a few scattered scrub juniper, which has no commerical value.

There are no settlers or any improvements on this township.

There are no surface indications of minerals, oil, or coal on this township, but the entire township is covered by oil leases, but no drilling had been done up to the time of the survey.

The magnetic declination was not taken on account of a defective needle.

E.B.

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Page

BOOK A-486

4-680

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Edney R. Reese	1st Chainman
Henry Snyder	1st Chainman
Wm. A. Sleeper	2nd Chainman
Abball D. William	2nd Chainman
Wm. Hunt	Flagman
Wm. Gregory	Cornerman
Frank Wyatt	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR AND TRANSITMAN

Edie S.C. Smith, U.S. Transitman, and

~~I~~ We, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 24th day of September, 19123 ~~I~~ We have well, faithfully, and truly

in ~~my~~ ^{our} own proper persons, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of The Eighth Standard

Parallel South Through R. 14 E., And The West Boundary And Subdivision

of T. 41 S., R. 14 E.

of the Salt Lake Base

And Meridian, in the State of Utah, which are represented in
and date diagram on dates shown on said diagram
the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction; and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of
such survey.

Kayenta, Arizona.

January 31 1926.

Salt Lake City, Utah.

January 23, 1926.

Chas. F. Moore

U. S. Surveyor.

Edie S. C. Smith

U. S. Transitman.

APPROVAL.

Supervisor of Surveys,
OFFICE OF THE UNITED STATES ~~Surveyor General~~

June 20, 1927, 191

The foregoing field notes of the survey of the eighth standard parallel south through

R. 14 E.; the west boundary and subdivision of T. 41 S., R. 14 E.,

S. L. B. & M.,

U. S. Surveyor,

executed by Chas. F. Moore and Edie S. C. Smith, U. S. Transitman,

under ~~his~~ special instructions dated September 24, 1923, 191, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

Wm. H. ...
U. S. Supervisor of Surveys.

~~U. S. Surveyor General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

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APR 12 1926
District Cadastral Engineer,
Salt Lake City, Utah

BOOK A-486

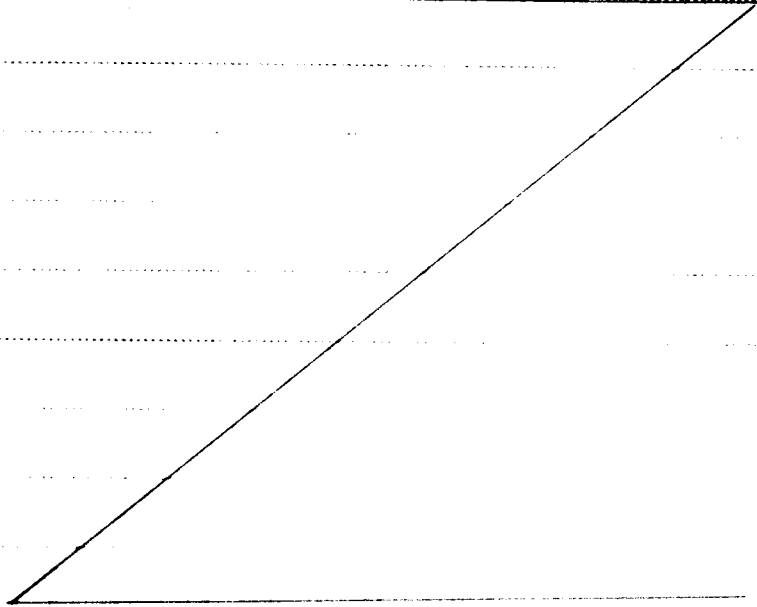
FIELD NOTES

OF THE SURVEY OF THE

NORTH, SOUTH, AND WEST BOUNDARIES, AND

SUBDIVISION OF

TOWNSHIP 42 SOUTH, RANGE 12 EAST.



Of the

SALT LAKE PLATEAU

Meridian,

State of

UTAH

EXECUTED BY

CHAS. F. MOORE,

U.S. SURVEYOR

EDWARD C. SMITH,

U.S. TRANSITMAN

in capacity of U. S. Surveyor, under instructions dated Sept. 24, 1923,

and by the United States Surveyor General to govern surveys included in

Order No. 154, which were approved by the Commissioner of the General Land

Office October 12, 1923, ~~in accordance with authority contained in the Act of~~

~~April 1, 1924,~~ Instructions dated Sept. 27, 1924, and

Supplemental Assignment Instructions dated Apr. 1, 1925.

Survey commenced April 15, 1925, ~~1924~~

Survey completed May 28, 1925, ~~1924~~

BOOK A-436

INDEX DIAGRAM.

Township 42 South, Range 12 East

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DATE DIAGRAM OF T. 42 S., R. 12 E.

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All lines colored in black, were surveyed by

Chas. F. Moore, U.S. Surveyor.

All lines colored in red, were surveyed by

Edie S. C. Smith, U.S. Transitman.

Survey commenced April 15, 1925, and executed with Young & Son's transits No. 8396 and No. 8544, used by Chas. F. Moore, U.S. Surveyor, and Edie S. C. Smith, U.S. Transitman, respectively. The instruments are equipped with Smith solar attachment and full vertical circles. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated Sept. 27, 1924, and supplemental assignment instructions, dated April 1, 1925.

Test of transit No. 8396.

I examine the adjustments on the transit and find no errors, then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a true meridian established by observations on Polaris, I proceed as follows:

May 6, 1925: At my camp situated in N. half of sec. 17, T. 42 S., R. 12 E., in approximate latitude $37^{\circ}08'N.$, longitude $110^{\circ}36'W.$; at 4h 0m p.m.; app.t., I set off $37^{\circ}08'N.$ on the latitude arc; $16^{\circ}37'N.$ on the declination arc; and determine a meridian with the solar, marking a point in the line thus determined on a stake, 10 chs. N.

May 7th: At 4h 37.9m a.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a stake driven firmly in the ground, about 10 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ} 22' 39''$.

In the morning I lay off the true meridian, $1^{\circ} 23'$ to the west of stake set last night, and mark the line thus determined on a stake driven in the ground 10 chs. N.

At 9h 0m a.m., app.t., I set off $37^{\circ} 8'$ N. on the lat. arc, $16^{\circ} 48'$ N. on the decl. arc, and determine a meridian with the solar which I find to agree within $1'$ of the true meridian.

As all the solar observations during the usual hours of solar work come within $1' 30''$ on the true meridian, I conclude that the adjustment of this instrument is satisfactory.

Test of transit No. 8544:

May 7, 1925, at main camp in sec. 29, T. 41 S., R. 13 E., in approximate latitude $37^{\circ} 12'$ N., longitude $110^{\circ} 29'$ W.; at 4h 37.9m a.m., l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a stake driven in the ground, 10 chs. N.

Azimuth of Polaris at eastern elongation = $1^{\circ} 22' 39''$.

I lay off the azimuth of Polaris, $1^{\circ} 23'$ to the west, and mark the true meridian thus determined on a stake driven in the ground, about 10 chs. N.

At 9h 0m a.m., app.t., I set off $37^{\circ} 11'$ N. on the lat. arc; $16^{\circ} 48'$ N. on the decl. arc, and determine a meridian with the solar which I find to agree within $1'$ of the true meridian.

At apparent noon with the instrument in the meridian and lat. arc unchanged, I observe the sun on the meridian, the resulting reading of the decl. arc. is $16^{\circ} 50'$ N., which agrees very closely with the computed decl. of the sun.

At 3h 0m p.m., app.t., with the lat. arc unchanged, I

set off $16^{\circ} 53'$ N. on the decl. arc, and determine a meridian with the solar which I find to agree within $1' 30''$ of the true meridian.

As all the solar observations during the usual hours of solar work come within $1' 30''$ of the true meridian, I conclude the instrument to be in satisfactory adjustment.

The instruments were kept in good adjustment during the progress of this survey, frequent tests being made upon meridian determined by observations on Polaris. For final tests near completion of this township see notes of T. 43 S., R. 12 E., this Group.

Measurements:

Unless otherwise specified all measurements are made with Lallie steel tapes 5 chains in length compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Method and Order of Procedure:

The north boundary is run due west on true line from cor. of Ts. 41 and 42 S., Rs. 12 and 13 E., a distance of 5 miles and 77.82 chs. (allowing for convergency) to the cor. of Ts. 41 and 42 S., Rs. 11 and 12 E. The south boundary is run west from the cor. of Ts. 42 and 43 S., Rs. 12 and 13 E. to intersection with west boundary brought due south from the NW. cor. of Tp., where cor. of Ts. 42 and 43 S., Rs. 11 and 12 E. is established. The fractional distance of north and south boundaries is placed in west $\frac{1}{2}$ mile, and that of west boundary in N. $\frac{1}{2}$ mile. The subdivision is carried forward in the regular manner from south to north, and from east to west.

From the cor. of Ts. 42 and 43 S., Rs. 12 and 13 E.,
which is an iron post, 3 ins. dia., properly marked
and witnessed, and described in notes of T. 42 S.,
R. 13 E., Group No. 153.

Thence,

West, on true line along S. bdy. of T. 42 S., R. 12 E.,
bet. secs. 1 and 36.

Over rough and broken land, red sandstone formation,
through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in
the ground to bedrock, over cross X cut in bedrock,
for $\frac{1}{4}$ sec. cor., with brass cap marked

S36
—
S1
1925

No accessories available.

Corner stands 300 ft. below tp. cor.

63.30 Leave red sandstone formation, enter broken bench land
with grey sandstone formation, bears N. and S.

70.30 Trail, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., over cross
(X) cut in surface rock, in a large mound of stone,
4 ft. base, 2 ft. high, for cor. of secs. 1, 2, 35
and 36, with brass cap marked

T42S | R12E
S35 | S36
— | —
S2 | S1
T43S
1925

No other accessories available.

Corner stands 225 ft. below $\frac{1}{4}$ sec. cor.

Land, rough and broken, general W. exposure and drainage.
Soil, shallow, loose sand, and sandstone bedrock; 4th
rate.

Undergrowth, scattered black brush, mountain rush and
amole plant.

No timber.

Chains

West, bet. secs. 2 and 35.

Over broken and rocky bench land, through scattered undergrowth.

11.00 Shallow draw, 30 lks. wide, drains NW.

27.10 Shallow draw, 20 lks. wide, drains NW.

38.59 As true point for $\frac{1}{4}$ sec. cor. falls where it is impracticable to set cor., therefore at this point,

Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into surface rock, surrounded by a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

	S35
W ₁	—
C ₄	S2
	1925

Other accessories impracticable.

39.00 Right rim of Nokai Canyon, bears NE. and SW.; descend.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on precipitous W. slope of canyon rim. No cor. set here.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 in. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T42S	R12E
S34	S35
S3	S2
T43S	
	1925

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Corner stands 400 ft. below right rim of canyon.

Land, broken bench and canyon slope, general NW. and W. exposure and drainage.

Soil, shallow, loose sand, sandstone surface rock, and some clay; 3rd and 4th rates.

Undergrowth, scattered black brush, mountain rush and amole plant.

No timber.

chains

West, bet. secs. 3 and 34.

Over rough, broken, and rocky land, through scattered undergrowth.

8.40 Bottom of Nokai Canyon, drains NW.; ascend rough slope.

17.50 Rocky point, 400 ft. above bottom of canyon, projects NE.; descend 210 ft. to

26.25 Draw, drains NE.; ascend.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on precipitous E. slope of canyon where it is impossible to set cor.

41.90 Left rim of Nokai Canyon, 200 ft. above draw, bears NE. and SW.

42.74 Cut cross (X) into surface rock over which,
Set an iron post, 3 ft. long, 1 in. dia., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

S34
$\frac{1}{4}$ ——— WC
S3
1925

Other accessories impracticable.

Thence over broken bench land, ascend 130 ft. to cor.

68.90 Trail, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T42S	R12E
S33	S34
S4	S3
T42S	
1925	

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rough and broken canyon slope and bench.

Soil, rocky in form of sandstone surface rock and boulders, and sandy loam; 3rd and 4th rates.

Undergrowth, scattered black brush, mountain rush and amole plant.

No timber.

South boundary of T. 42 S., R. 12 E.

Chains

West, bet. secs. 4 and 33.

Over rough and broken land, ascending through scattered undergrowth.

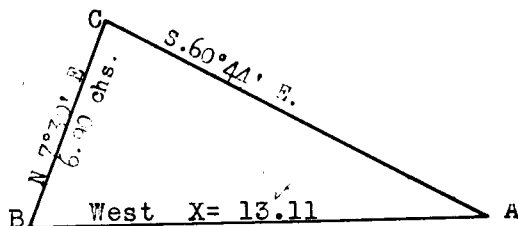
38.90 Trail, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S33
—
 $\frac{1}{4}$
S4
1925

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.07 The line W. passes over E. face of Piute Mesa, a high, nearly vertical sandstone wall, up which it is impossible to chain, therefore triangulate as follows: Erect flag "A" at this point, set flag "B" on line at top of rim to W., then from "B" measure a base line "BC" N. $7^{\circ} 30'$ E., 6.90 chs. dist. to point whence "A" bears S. $60^{\circ} 44'$ E.



Distance by triangulation = 13.11 chs.

Previous distance = 40.07 "

53.18 Point of triangulation on E. rim of Piute Mesa, 585 ft. above base, bears NW. and SE.

Thence over rolling top of mesa through scattered timber.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T42S | R12E
S32 | S33
— | —
S5 | S4
T43S
1925

from which

A juniper, 3 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ E., 127 lks. dist., marked BT (scrubby)

- A juniper 8 ins.diam., bears S. $36\frac{3}{4}^{\circ}$ E., 177 lks.
 dist., marked T43S R12E S4 BT
 A juniper 10 ins. diam., bears S. $43\frac{1}{2}^{\circ}$ W., 10 lks.
 dist., marked T43S R12E S5 BT
 A juniper 3 ins.diam., bears N. 42° W., 115 lks.
 dist., marked BT (scrubby)

Land, rough and broken on E. portion of mile which forms the E. break of Piute Mesa; rolling top of mesa on W. portion.

Soil, rocky of sandstone formation with sandy loam on E. portion, firm sandy loam on top of mesa; 2nd to 4th rates.

Undergrowth, scattered black brush, sagebrush, mountain rush, and oose.

Timber, scattered juniper on top of mesa.

West, bet. secs. 5 and 32.

Over rolling mesa top through medium dense undergrowth and scattered timber.

- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S32
 $\frac{1}{4}$ S5
 1925

- A juniper, 3 ins.diam., bears N. $68\frac{1}{2}^{\circ}$ E., 195 lks.
 dist., marked $\frac{1}{4}$ S32 BT
 A juniper, 8 ins.diam., bears S. 83° E., 420 lks.
 dist., marked $\frac{1}{4}$ S5 BT

- 80.00 Set an iron post, 3 ft. long, 2 ins., dia., 27 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T42S | R12E
 S31 | S32
 S6 | S5
 T43S
 1925

Deposit a sandstone, 4x4x3 ins., marked with a cross (X) at base of monument.

No other accessories available.

Land, rolling mesa top.

Soil, sandy loam and stony; 2nd and 3rd rates.

10
South Boundary of T. 42 S., R. 12 E.

Chains

Undergrowth, medium sagebrush, black brush and oose.
Timber, scattered juniper.

West, bet. secs. 6 and 31.

Over rolling mesa land, through medium undergrowth.

26.60 Trail, bears NW. and SE., in bottom of swale, draining NW.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S31
$\frac{1}{4}$
S6
1925

Deposit a sandstone, 6x6x3 ins., marked with a cross (X) at base of monument.

Other accessories impracticable.

42.80 E. side of Indian pole corral, circular.

45.60 W. side of same.

58.00 Shallow wash, 20 lks. wide, drains NE.; enter scattered timber, and begin a gradual ascent, bears NE. and SW.

78.27 Intersect true west boundary of township, south from the NW. cor. of this township,

Set an iron post, 3 ft. long, 3 ins. dia., 27 ins. in the ground, for corner of townships 42 and 43 south, ranges 11 and 12 east, with brass cap marked

T42S
R11E | R12E
S36 | S31
S1 | S6
T43S
1925

from which

A pinon, 6 ins.diam., bears N. $44\frac{1}{2}^{\circ}$ E., $4\frac{1}{2}$ lks. dist., marked T42S R12E S31 BT

A pinon, 8 ins.diam., bears S. $14\frac{1}{2}^{\circ}$ E., 80 lks. dist., marked T43S R12E S6 BT

A pinon, 8 ins.diam., bears S. 57° W., 113 lks. dist., marked T43S R11E S1 BT

A pinon, 10 ins.diam., bears N. $79\frac{1}{2}^{\circ}$ W., 110 lks. dist., marked T42S R11E S36 BT

Land, rolling mesa top of Piute Mesa.

Soil, sandy loam; 2nd rate.

Chains

Undergrowth, medium sagebrush, mountain rush, black brush, and amole plant.

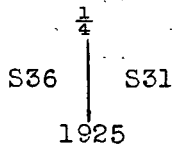
Timber, scattered to medium juniper and pinon, on W. portion of mile.

WEST BOUNDARY OF T. 42 S., R. 12 E.

From the cor. of Ts. 42 and 43 S., Rs. 11 and 12 E. North, on true line, bet. secs. 31 and 36.

Over rolling mesa land, through medium to scattered timber, and undergrowth.

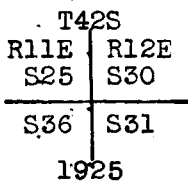
- 20.00 E. 2 chs. dist. of line is an Indian hogan and corral.
- 24.00 Shallow wash, drains NE.
- 25.00 W. of line $1\frac{1}{2}$ chs. dist. is an Indian hogan; W. edge of corral bears E. of line 10 lks. dist; and E. of line about 3 chs. dist. is another Indian hogan.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A juniper, 8 ins.diam., bears N.73°E., 108 lks. dist., marked $\frac{1}{4}$ S31 BT
- A juniper, 6 ins.diam., bears N.80°W., 113 lks. dist., marked $\frac{1}{4}$ S36 BT

- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked



from which

- A juniper, 8 ins.diam., bears N.23°E., 459 lks. dist., marked T42S R12E S30 BT
- A juniper, 6 ins.diam., bears S.66 $\frac{1}{4}$ °E., 340 lks. dist., marked T42S R12E S31 BT
- A juniper, 8 ins.diam., bears S.49 $\frac{1}{4}$ °W., 209 lks. dist., marked T42S R11E S36 BT

West Boundary of T. 42 S., R. 12 E.

Chains

A juniper, 10 ins.diam., bears N.76 $\frac{1}{2}$ °W., 257 lks.
marked T42S R11E S25 BT

Land, rolling mesa top.

Soil, sandy loam; 2nd rate.

Undergrowth, medium sagebrush, mountain rush, and
black brush.

Timber, medium to scattered juniper and pinon.

North, bet. secs. 25 and 30.

Over rolling mesa land, through scattered timber and
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in.
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S25 | S30
 1925

from which

A juniper, 3 ins.diam., bears S.39 $\frac{1}{2}$ °W., 56 lks.
dist., marked $\frac{1}{4}$ S25 BT

A juniper, 7 ins.diam., bears N.28°E., 102 lks.
dist., marked $\frac{1}{4}$ S30 BT

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in
the ground, for cor. of secs. 19, 24, 25 and 30, with
brass cap marked

T42S
 R11E | R12E
 S24 | S19
 S25 | S30
 1925

from which

A juniper, 6 ins.diam., bears N.38 $\frac{1}{2}$ °E., 304 lks.
dist., marked T42S R12E S19 BT

A juniper, 6 ins.diam., bears S.66°E., 170 lks.
dist., marked T42S R12E S30 BT

A juniper, 4 ins.diam., bears S.69°W., 169 lks.
dist., marked T42S R11E S25 BT

A juniper, 8 ins.diam., bears N.75 $\frac{1}{2}$ °W., 180 lks.
dist., marked T42S R11E S24 BT

Land, rolling mesa top.

Soil, sandy loam; 2nd rate.

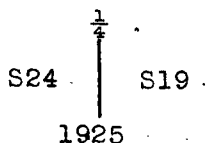
Undergrowth, sagebrush, mountain rush and black brush.

Timber, scattered juniper.

North, bet. secs. 19 and 24.

Over rolling mesa land, through scattered timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

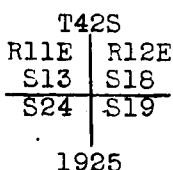


from which

A juniper, 10 ins.diam., bears S.77 $\frac{1}{2}$ °E., 235 lks.
dist., marked $\frac{1}{4}$ S19 BT

A juniper, 8 ins.diam., bears N.51 $\frac{1}{2}$ °W., 262 lks.
dist., marked $\frac{1}{4}$ S24 BT

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked



from which

A juniper, 4 ins.diam., bears N.59 $\frac{1}{2}$ °E., 435 lks.
dist., marked T42S R12E S18 BT

A juniper, 4 ins.diam., bears S.5 $\frac{1}{2}$ °E., 294 lks.
dist., marked T42S R12E S19 BT

A juniper, 4 ins.diam., bears S.45°W., 156 lks.
dist., marked T42S R11E S24 BT

A juniper, 3 ins.diam., bears N.23°W., 299 lks.
dist., marked T42S R11E S13 BT

Land, rolling mesa top.

Soil, sandy loam; 2nd rate.

Undergrowth, sagebrush, mountain rush and black brush.

Timber, scattered juniper.

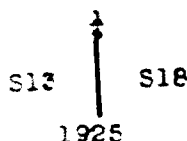
North, bet. secs. 13 and 18.

Over rolling mesa land, through scattered timber and undergrowth.

40.00 Cut cross (X) into sandstone surface rock, over which,
Set an iron post, 3 ft. long, 1 in. dia., surrounded
by a large mound of stone, for $\frac{1}{4}$ sec. cor., with
brass cap marked

West Boundary of T. 42 S., R. 12 E.

Chains



from which

- A juniper, 10 ins. diam., bears S. 35° W., 66 lks.
dist., marked $\frac{1}{2}$ S13 BT
A juniper, 10 ins. diam., bears N. 65 $\frac{1}{2}$ ° E., 62 lks.
dist., marked $\frac{1}{2}$ S18 BT

41.22 Trail, bears NW. and SE.

41.23 Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 7, 12, 13 and 18, with brass cap marked



from which

- A juniper, 6 ins. diam., bears N. 63 $\frac{1}{2}$ ° E., 258 lks.
dist., marked T42S R12E S7 BT
A juniper, 6 ins. diam., bears S. 69 $\frac{1}{2}$ ° E., 100 lks.
dist., marked T42S R12E S18 BT
A juniper, 6 ins. diam., bears S. 48 $\frac{1}{2}$ ° W., 137 lks.
dist., marked T42S R11E S13 BT
A juniper, 5 ins. diam., bears N. 5° W., 16 lks.
dist., marked T42S R11E S12 BT

42.24, rolling mesa top.

43.25, sandy lean and rocky; 2nd and 3rd rates.

Undergrowth, sagebrush, mountain rush and black brush.

Timber, scattered to medium juniper and pinon.

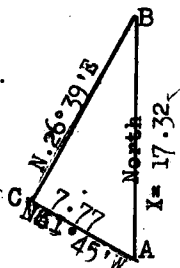
North, cor. secs. 7 and 12.

over rim top, and rocky top of mesa through scattered timber and undergrowth.

43.26 Inner rim of Plate Mesa, bears E. and W.: descend abrupt, rocky N. slope, 30 ft. to

44.27 Main ledge rim of mesa, and leave all timber, bears NW. and S.: impossible to chain over rim, therefore I triangulate as follows: Set flag "A" at this point, and flag "B" on line, below rim, from "A" measure base line "AC" N. 31° 45' W., 7.77 chs. dist., to point

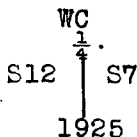
whence "B" bears N.26°39' E. Vertical angle 21½°.



Distance by triangulation = 17.32 chs.
Previous distance = 14.96 "

32.28 To point of triangulation, 450 ft. below rim at "A".
Continue descent over broken NW. slope.

33.05 As true point for ¼ sec. cor. will fall where it is
impracticable to set cor., therefore at this point,
Set an iron post, 3 ft. long, 1 in. dia., over cross
(X) cut into sandstone surface rock, supported by a
large mound of stone, 2 ft. high; with brass cap marked

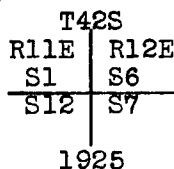


Other accessories impracticable.

40.00 True point for ¼ sec. cor., falls on precipitous clay
slope where cor. cannot be perpetuated.

46.00 Draw, 75 ft. below witness ¼ sec. cor., drains NW.
Continue over rough and broken land, ascending 200 ft.
to sec. cor.

80.00 Cut cross (X) into sandstone surface rock, over which,
Set an iron post, 3 ft. long, 2 ins. dia., in a large
mound of stone, for cor. of secs. 1,6,7 and 12, with
brass cap marked.



No other accessories available.

Land, rough and broken mesa rim and slope.

Soil, rocky of sandstone formation, and clay and sand;
4th rate.

Undergrowth, scattered shadscale and mountain rush.

Timber, juniper on extreme S. end of mile.

West Boundary of T. 42 S., R. 12 E.

Chains

North, on true line bet. secs. 1 and 6.

Over rough broken land through scattered undergrowth.

24.25 Small stream of water, 1 lk. wide, heads at seep spring.

5 chs. E. of line, drains W.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 1 | S 6
 1925

Deposit a sandstone, 4x4x3 ins., marked with a cross (X) at base of monument.

40.10 Small seep of fair water, 1 lk. wide, in small draw, heads at seep spring 4 chs. E. of line, drains W.

58.00 Draw, drains NW.

80.03 Intersect the cor. of Ts. 41 and 42 S., Rs. 11 and 12 E., hereinafter described.

Land, rough and broken facing W. and NW.

Soil, rocky, clay and loose sand; 3rd and 4th rate.

Undergrowth, scattered shadscale and mountain rush.

No timber.

North Boundary of T. 42 S., R. 12 E.

From the corner of Ts. 41 and 42 S., Rs. 12 and 13 E., which is an iron post, 3 ins. dia., properly marked and set, described in notes of T. 42 S., R. 13 E., group No. 153, Utah.

Thence,

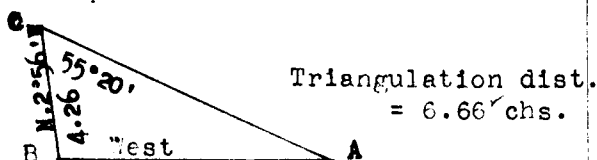
West, on true line along N. bdy. of T. 42 S., R. 12 E., bet. secs. 1 and 36.

Over abrupt E. break of No Man's Land, rimmed with high vertical sandstone wall up which I cannot chain, therefore triangulate as follows: Erect flag "A" at tp. cor., set flag "B" on line at top of E. face of

North Boundary of T. 42 S., R. 12 E.

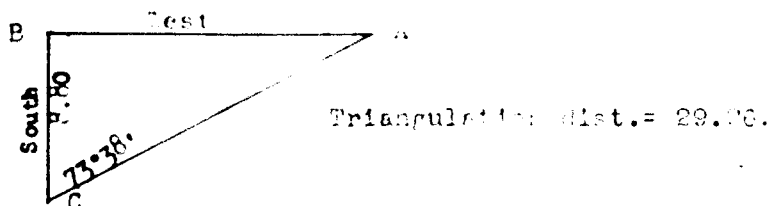
Chains

mesa, then from "B" measure a base line "BC" N. $2^{\circ}56'$ W., 4.26 chs. dist., to point whence "AB" subtends angle of $55^{\circ}20'$.



6.66 Top of E. rim of No Man's Mesa, 500 ft. above tp. cor., bears generally N. 20° W. and S. 20° E. The perpendicular wall is about 300 ft. high. Thence over rolling top of mesa through scattered timber and undergrowth.

32.21 W. rim of mesa and top of 400 ft. nearly vertical sandstone wall, bears N. and E. Being unable to chain down the W. face of mesa I triangulate as follows: Set flag "A" at this point and set flag "B" on line to the West below mesa, then from "B" measure a base line "BC" South, 8.80 chs. dist. (no longer base practicable) to point whence "AB" subtends angle of $73^{\circ}38'$. Vertical angle from "A" to "B" = 26° or 990 ft.



Previous distance ---	= 32.21 chs.
Triangulation distance	= 29.86 "
	<u>62.17</u>
By return measurement	<u>22.17</u>
	<u>40.00</u>

40.00 On W. slope, 685 ft. below top of mesa, Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into sandstone surface rock, in a mound of stone, 4 ft. base, 3 ft. high, for 1 sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{836}{81}$
1925

Continue over broken land through short undergrowth, gradually descending 60 ft. to sec. cor.

North Boundary of T. 42 S., R. 12 E.

Chains

- 62.17 Point of triangulation.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 28 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked
- | | |
|------|------|
| T41S | R12E |
| S35 | S36 |
| S2 | S1 |
| T42S | |
| 1925 | |
- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Land, mountainous on E. portion, rough and broken on W.; drainage and exposure E. and W.
- Soil, shallow sandy, rocky and clay; sandstone formation; 3rd and 4th rates.
- Undergrowth, scattered black brush, shadscale and mountain rush.
- Timber, scattered scrub cedar on top of mesa.
-
- West, bet. secs. 2 and 35.
- Over rough and broken land with general westerly exposure towards Nokai Canyon, through scattered undergrowth.
- 39.00 Wash, 20 lks. wide, drains NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into sandstone surface rock, surrounded by a mound of stone, 3 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|------|
| $\frac{1}{4}$ | S3 5 |
| | S2 |
| | 1925 |
- Corner stands 125 ft. below sec. cor.
- 78.00 Trail, bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 28 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

T41S	R12E
S34	S35
S3	S2
T42S	
1925	

Land, rough and broken with general W. and NW. exposure

and drainage into Nokai Canyon.

Soil, shallow sandy, rocky and clay; 3rd rate.

Undergrowth, scattered black brush, shadscale and mountain rush. No timber.

West, bet. secs. 3 and 34.

Over rough and broken land, through scattered undergrowth.

20.50 Bottom of Nokai Canyon, dry, 60 ft. below sec. cor.,
drains NE.; ascend 200 ft. to $\frac{1}{4}$ sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. dia., over cross
(X) cut into sandstone surface rock, surrounded by
a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec.
cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S34} \\ \text{S3} \\ \hline 1925 \end{array}$$

57.50 Wash, 20 lks. wide, 3 ft. deep, drains NE.

80.00 On E. slope, 300 ft. above $\frac{1}{4}$ sec. cor.,
Set an iron post, 3 ft. long, 2 ins., dia., over cross
(X) cut into sandstone surface rock, for cor. of
secs. 3, 4, 33 and 34, with brass cap marked

T41S	R12E
S33	S34
S4	S3
T42S	
1925	

Land, rough and broken with general E. and W. exposures
and drainage into Nokai Canyon which drains northerly.

Soil, sandstone surface rock, shallow loose sand and
clay; 3rd and 4th rate.

Undergrowth, black brush, shadscale and mountain rush.
No timber.

West, bet. secs. 4 and 33.

North Boundary of T. 41 S., R. 12 E.

Chains

Over rough and broken land, through scattered undergrowth
Ascending general E. slope, 400 ft. to $\frac{1}{4}$ sec. cor.

3.00 Shallow wash, drains NE.

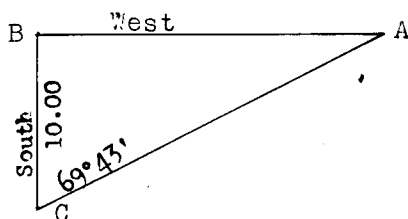
40.00 Set an iron post, 3 ft. long, 1 in. dia., over cross
(X) cut into sandstone surface rock, surrounded by
a mound of stone, 4 ft. base, 3 ft. high, for $\frac{1}{4}$ sec.
cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \frac{S33}{S4} \\ 1925 \end{array}$$

49.79 Set flag.

51.45 Trail, bears N. and S. Trail from Clay Hills to Navajo
Mountain.

69.60 Dim trace of old unused road, bears NE., and SW. to
rim of Piute Mesa. The line to W. of this point passes
up E. face of Piute Mesa, rimmed with high vertical
sandstone wall up which I cannot chain, therefore
triangulate as follows: being unable to set flag on top
from this point, return to flag left at 49.79 chs.
which designate "A" and set flag "B" on line to W. on
top of mesa, thence from "B" measure a base line "BC"
South, 10.00 chs. distant to point whence "AB"
subtends angle of $69^{\circ}43'$. Vertical angle from "A" to
B = plus 26° , or 870 ft.



Previous distance = 49.79 chs.
Triangulation dist. = 27.06 "
76.85

76.85 To triangulation point on E. rim of Piute Mesa and
top of a 500 ft. sandstone wall, bears S. 15° E. and
N. 15° W.; thence over rolling top of high mesa through
medium dense timber.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., over cross

North Boundary of T. 42 S., R. 12 E.

Chains

(X) cut into sandstone surface rock, surrounded by a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T41S	R12E
S32	S33
S5	S4
T42S	
1925	

from which

A juniper, 3 ins. diam., bears N. $53\frac{1}{2}^{\circ}$ E., 37 lks.

dist., marked BT (scrubby)

A juniper, 4 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ E., 55 lks.

dist., marked ET (scrubby)

A juniper, 3 ins. diam., bears S. 53° E., 55 lks.

dist., marked BT (scrubby)

A juniper, 8 ins. diam., bears N. 70° W., 124 lks.

dist., marked T41S R12E S32 ET

Land, rough and broken on E. portion of mile lying under rim of mesa: W. portion is rolling top of Piute Mesa. Soil, sandstone bedrock, shallow loose sandy, and clay: 3rd and 4th rate.

Undergrowth, black brush, shadscale, mountain rush and sagebrush.

Timber, scrub juniper and pinon on top of mesa.

West, bet. secs. 5 and 32.

Over rolling top of Piute Mesa, through medium timber and short undergrowth; gradually descending 75 ft. to $\frac{1}{4}$ sec. cor.

30.00 Wash, 20 lks. wide, 3 ft. deep, drains SW.

40.00 On mesa top,

Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into sandstone surface rock, surrounded by a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

S32
 $\frac{1}{2}$ —
 S5
 1925

from which

A pinon, 4 ins.diam., bears N. 51° E., 41 lks.

dist., marked $\frac{1}{2}$ S32 BT

A pinon, 8 ins.diam., bears S. 32° W., 149 lks.

dist., marked $\frac{1}{2}$ S5 BT

78.50 Cross head of draw, 80 ft. below $\frac{1}{2}$ sec. cor., drains
 SW.

82.0 On rolling mesa top,

set an iron post, 3 ft. long, 2 ins. dia., over cross
 (2) cut into sandstone surface rock, surrounded by
 a mound of stone, 4 ft. base, 2 ft. high, for cor.
 of secs. 31, 32 and 33 and 32, with brass cap marked

T41S	R12E
S31	S32
S6	S5
T42E	
1925	

from which

A juniper, 4 ins.diam., bears N. 25° E., 18 lks.

dist., marked T41S R12E S32 BT

A juniper, 3 ins.diam., bears S. 79 $\frac{1}{2}$ ° E., 37 lks.

dist., marked T42E R12E S5 BT

A pinon, 8 ins.diam., bears S. 16° W., 35 lks.

dist., marked T42E R12E S5 BT

A pinon, 9 ins.diam., bears N. 67 $\frac{1}{2}$ ° W., 99 lks.

dist., marked T41S R12E S31 BT

Land, rolling mesa top with gentle W. and SW. exposure.
 Soil, sandy loam and rocky: 3rd rate.

Undergrowth, medium sagebrush, black brush and mountain
 rush.

Timber, medium dense scrub juniper and pinon.

North Boundary of T. 42 S., R. 12 E.

Chains

West, bet. secs. 6 and 31.

Over rolling top of Piute Mesa, through medium dense timber and undergrowth.

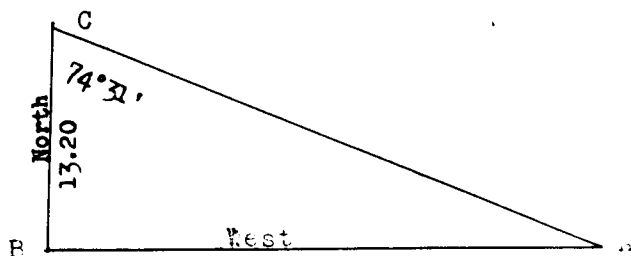
31.10 Top of W. rim of Piute Mesa, 500 ft. high, and leave timber, bears N. and S.: descend precipitous W. break over broken sandstone ledges, 150 ft. to

33.71 Top of main vertical ledge making chaining impossible W. of this point, and as the true point for $\frac{1}{2}$ sec. cor. falls in inaccessible W. break, therefore at this point, Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into sandstone surface, surrounded by a mound of stone, 4 ft. base, 2 ft. high, for witness $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} \text{S31} \\ \text{WC } \frac{1}{4} \frac{\text{---}}{\text{S6}} \\ 1925 \end{array}$$

No other accessories available.

As it is impossible to chain W. from this witness $\frac{1}{2}$ sec. cor., I triangulate as follows: Designate witness $\frac{1}{2}$ sec. cor. "A" and set flag "E" on line to the N. below rim, then from "E" measure a base line "BE" North, 13.20 chs. dist. to point whence "AE" subtends angle of $74^{\circ} 31'$. Vertical angle from "A" = $-16\frac{1}{2}^{\circ}$ or 920 ft.



Previous dist. = 33.71 chs.

Triangulation dist. = $\frac{47.65 \checkmark}{81.36}$ chs.

By return measurement $\frac{3.54}{77.82}$ "

North Boundary of T. 42 S., R. 12 E.

Chains

40.00 True point for $\frac{1}{4}$ sec. cor. No cor. set here.
 77.82 Allowing for convergency,
 Set an iron post, 3 ft. long, 3 ins. dia., 10 ins. in
 the ground to bedrock, and supported by a mound of
 stone, 5 ft. base, 2 ft. high, for corner of townships
 41 and 42 south, ranges 11 and 12 east, with brass
 cap marked

T41S	
R11E	R12E
S36	S31
S1	S6
T42S	
1925	

Deposit a sandstone, 9x8x6 ins., marked with a cross
 (X), at base of monument.

Corner stands on broken, gradual NW. slope, 920 ft.
 below the witness $\frac{1}{4}$ sec. cor., and 1070 ft. below
 the top of E. rim of Piute Mesa.

Land, rolling top of Piute Mesa on E. portion; precip-
 itous W. break of mesa and rough and broken on
 remainder of mile.

Soil, rocky of sandstone formation, with shallow sandy,
 and clay; 3rd and 4th rate.

Undergrowth, sagebrush, black brush and shadscale on
 mesa top, more scattered black brush, mountain rush
 and shadscale on portion below mesa.

Timber, medium dense scrub juniper and pinon on top
 of Piute Mesa.

From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of tp.,
heretofore described.

N.0° 01' W. between Secs. 35 and 36

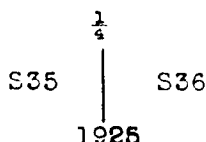
Over gently rolling bench, through scattered undergrowth.

15.00 Draw, 50 ft. deep, 3 chs. wide, drains, W.

30.00 Trail, bears NW. and SE.

31.00 Enter broken land, bears NW. and SE.

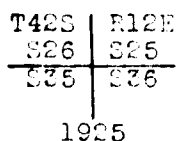
40.00 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the
ground to bedrock, and supported by a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 12x10x 6 ins., marked with a cross
(X) at base of monument.

50.00 Gulch, 100 ft. deep, drains W.: ascend, 300 ft. to cor.

60.00 Set an iron post, 3 ft. long, 2 ins. dia., 16 ins. in
the ground to bedrock, and supported by a mound of
stone, for cor. of secs. 25, 26, 35 and 36, with
brass cap marked



Deposit a sandstone 12x10x10 ins., marked with a cross
(X), at base of monument.

Land, rolling bench on E. portion; broken and rough
slope on N. portion; general W. exposure and drainage.
Soil, sandy, clay and rocky of sandstone formation; 3rd
and 4th rate.

Undergrowth, scattered black brush, mountain rush, and
amole plant.

No timber.

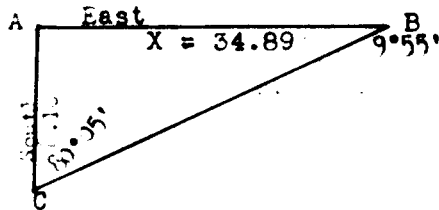
East, on random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

The line to the E. passes over W. face of No Man's Land

Chains

up which it is impossible to chain, therefore triangulate as follows: Erect flag "A" at this point, set flag "B" on line at top of W. rim of mesa to E., and from "A" measure a base line "AC" South, 6.10 chs. dist. to point whence "B" subtends angle of $80^{\circ}05'$. From "B" the angle "AC" = $9^{\circ}55'$. Vertical angle is plus $19^{\circ}26'$ to "B". Longer base impracticable.



Triangulation distance = 34.89
Previous distance = 40.00

- 14.89 Point of triangulation. Thence by chaining.
- 15.21 Intersect l. bdy. of tp., 2 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is a sandstone, firmly set, properly marked and witnessed as described in notes of T. 42 S., R. 12 E., Group No. 153.
- Thence,
- S. $89^{\circ}59'$ W., in true line bet. secs. 25 and 36.
- Over rolling top of mesa on No Man's Land, through medium timber and scattered undergrowth.
- 15.71 To point of triangulation on W. rim of mesa, a nearly vertical sandstone wall 700 ft. high, bears NW. and SE. Thence by triangulation.
- Descend precipitous W. face of mesa.
- 16.05 Approximate base of mesa, bears NW. and SE.; descend broken and rocky W. slope through scattered undergrowth.
- 16.30 Approximate. Trail, bears NW. and SE.
- 17.11 Out cross (X) into sandstone surface rock, over which, set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S25
S36
1926

No other accessories available.

ins

40.20

Cor. stands on NW. slope, 820 ft. below mesa top.

Point of triangulation.

41.00

Continue over broken land through scattered undergrowth.

80.20

Draw, 60 ft. deep, drains SW.

The cor. of secs. 25, 26, 35 and 36, 200 ft. below $\frac{1}{4}$ sec. cor.

Land, rough and broken with general W. exposure and drainage on greater part of mile; E. end of mile lies on top of No Man's Land and is rolling mesa top.

Soil, rocky of sandstone formation, with shallow loose sand, and some clay; 4th rate.

Undergrowth, scattered black brush, mountain rush, and amole plant.

Timber, scattered juniper on mesa top.

N. 0°01' W., bet. secs. 25 and 26.

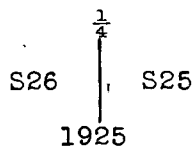
Over rough and broken land, through scattered undergrowth.

12.80

Gulch, 150 ft. deep, drains NW.

40.00

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to sandstone bedrock, and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



At base of monument, I deposit a sandstone, 20x20x18 ins., marked with a cross (X).

52.50

Gulch, drains NW.

55.50

Begin abrupt ascent of 150 ft. to

60.00

Base of No Man's Land, bears NW. and SE. Being unable to continue N. on true line as line crosses the W. point of mesa about 600 ft. high, rimmed with nearly vertical sandstone wall, therefore offset as follows:

West, 4.80 chs., then, on offset line:

N. 0°01' W. At 64.00 chs. (from sec. cor) trail, bears NW. and SE.

At 71.00 chs. W. point of mesa, bears NE. and SE.

Chains

80.00

At 80.00 (counted from sec. cor.) take line East, 4.80 chs. to the true line, on which, at 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and surrounded by a large mound of stone, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T42S	R12E
S23	S24
S26	S25

1925

At base of monument, I deposit a sandstone, 6x6x6 ins., marked with a cross (X).

Land, rough and broken with general W. exposure and drainage, and lying under the W. rim of No Man's Land.

Soil, rocky of sandstone formation, with shallow, loose sand, and clay.

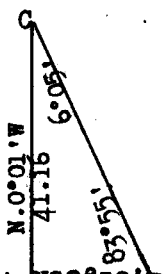
Undergrowth, scattered black brush, mountain rush and amole plant.

No timber.

N. 89°59' E. on random line bet. secs. 24 and 25.

It is impossible to chain E. from cor. on account of the W. rim of No Man's Land, therefore triangulate as follows:

Designate sec. cor. "A" and set flag "B" on top of rim to E., then measure a base line "AC" N. 0°01' W., 41.16 chs. dist. to point whence "B" subtends angle of 6°05'. From "B" the base "AC" subtends angle of 83°55'. Vertical angle "AB" = plus 63°.



Triangulation distance = 4.39 chs.

sec. cor. A = 4.39 B

- 4.30 Point of triangulation on top of mesa. Thence by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.20 Intersect E. bdy. of tp., 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is a sandstone, marked and witnessed as described in notes of T.42 S., R.13 E., Group No. 153.
- Thence,
- N. $89^{\circ}58'$ W., on true line bet. secs. 24 and 25.
- Over rolling top of mesa on No Man's Land, through scattered timber and undergrowth.
- 40.10 Set a sandstone, 26x18x3 ins., marked $\frac{1}{4}$ on N. face, 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., (no iron post available) and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 53.00 Shallow draw, drains SW.
- 75.81 To point of triangulation on W. rim of mesa, a nearly vertical sandstone wall, 550 ft. high, bears N. 20° E. and SW.; thence by triangulation. Precipitous descent W. face, 580 ft. to
- 80.20 The cor. of secs. 23, 24, 25 and 26.
- E. 75.80 chs. is rolling top of high mesa on No Man's Land, covered with scattered growth of juniper and pinon timber and scattered black brush and mountain rush: soil, loose sand and sandstone surface rock. Remainder of mile is W. break of mesa.
-
- N. $0^{\circ}01'$ W., bet. secs. 23 and 24.
- Over broken land facing W., and lying under rim of mesa, through scattered undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S23 | S24

Subdivision of T. 42 S., R. 12 E.

Chains

At base of monument, I deposit a sandstone, 12x7x4 ins., marked with a cross (X).

Cor. stands on W. slope, 100 ft. below sec. cor.

71.00 Draw, 70 ft. deep, drains W., 225 ft. below $\frac{1}{2}$ sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T42S	R12E
S14	S13
S23	S24

1925

At base of monument, I deposit a sandstone, 12x7x4 ins., marked with a cross (X).

Cor. stands on S. side of sandstone boulder, 20x20x10 ft., and 125 ft. above draw.

Land, broken with a general W. exposure and drainage, and line follows along W. base of high mesa.

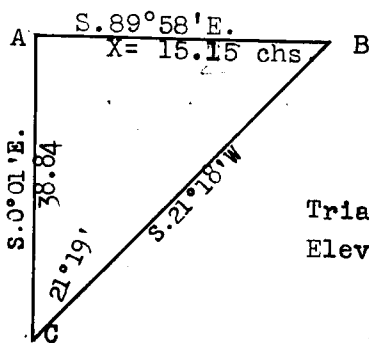
Soil, sandstone surface rock, and loose sand; 4th rate.

Under growth, scattered black brush and mountain rush.

No timber.

S. 89°58' E., on random line bet. secs. 13 and 24.

The line to the E. passes over W. break of high mesa, up which I cannot chain, therefore triangulate as follows: Designate sec. cor. "A" and set flag "B" on line to E. on top of rim. From "A" measure base line S.0°01' E., 38.84 chs. dist. to point whence "B" subtends angle of 21°19'. From "B" flag "C" bears S.21°18' W. Vertical angle "AB" = plus 35°.



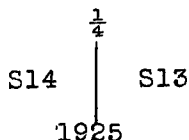
Triangulation distance = 15.15 chs.
Elevation = 700 ft.

- 15.13 Point of triangulation. Thence by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 50.22 Intersect E. bdy. of tp., 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is a sandstone, marked and witnessed as described in notes of T.42 S., R.13 E., Group No. 153.
- Thence,
N. $89^{\circ}57'$ W., on true line bet. secs. 13 and 24.
- Over rolling and broken top of mesa on No Man's Land, through scattered timber and undergrowth.
- 27.00 Begin gradual descent of 125 ft. to $\frac{1}{4}$ sec. cor.
- 38.90 Rim ledge, 40 ft. high, bears NW. and SE.
- 40.11 Cor. point falls on sandstone boulder in place, 4x4x10 ft., at exact cor. point cut cross (X) with $\frac{1}{4}$ to N., into rock, for $\frac{1}{4}$ sec. cor.; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, to N., and on top of boulder.
- 41.00 Bottom of gulch, drains from SE. to SW.; gradual ascent of 60 ft. to
- 52.50 Begin descent of 175 ft. over broken ledges on W. face to
- 65.07 Point of triangulation on W. rim of mesa and top of sandstone wall 600 ft. high, bears nearly N. and S.
- 80.22 The cor. of secs. 13, 14, 23 and 24.
- Land, rolling and broken mesa top, and abrupt W. break. Soil, rocky of sandstone formation with loose sand and some clay; 4th rate.
- Timber, scattered juniper and pinon on mesa top.
- Undergrowth, scattered black brush and mountain rush.
-
- N. $0^{\circ}01'$ W., bet. secs. 13 and 14.
- Over rough broken land facing W., through scattered undergrowth. gradually ascending 235 ft. to
- 19.00 Top of rise on W. slope, bears E. to base of mesa. Descend along W. slope.
- 25.64 Foot of old ~~Maple~~ or Aztec indian trail unto top of No Man's Land. This is the only place by which the

Chains

top of No Man's Land can be reached. Indian ~~hills~~ ^{hills} are found along the base of ledge, 50 lks. E. of line at this point.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

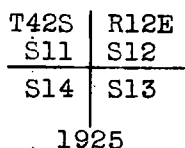
Cor. stands 110 ft. below top of rise.

53.00 Trail, bears NE. and SW.

68.90 Head of draw, 115 ft. below $\frac{1}{4}$ sec. cor., drains W.; ascend 50 ft. to cor.

71.00 Trail, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked



Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rough and broken with general W. exposure and drainage, and lying under W. base of high mesa.

Soil, rocky and sandy; 3rd and 4th rate.

Undergrowth, mountain rush and black brush.

No timber.

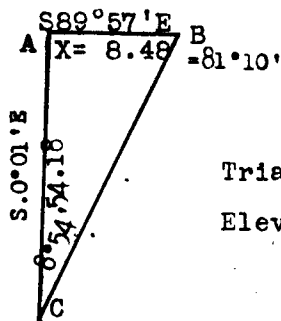
S. $89^{\circ}57'$ E., on random line bet. secs. 12 and 13.

Being unable to chain E. from sec. cor. on account of line passing over W. face of No Man's Land, triangulate as follows: Designate sec. cor. "A" and set flag "B" on line to E. on top of mesa rim, thence measure base line "AC" S. $0^{\circ}01'$ E., 54.18 chs. dist. to point

Subdivision of T. 42 S., R. 12 E.

Chains

whence "B" subtends angle of $8^{\circ}54'$. From "B" the base "AC" subtends angle of $81^{\circ}10'$. Vertical angle "AB" = plus 47° .



Triangulation distance = 8.48 chs.

Elevation = 600 ft.

- 8.48 Triangulation point. Thence by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.22 Intersect E. bdy. of tp., 12 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is a sandstone, properly marked and witnessed as described in notes of T.42 S., R.13 E., Group No. 153.
- Thence,
- N. $89^{\circ}52'$ W., on true line bet. secs. 12 and 13.
- Over rolling mesa top, through scattered timber and medium undergrowth.
- 23.00 Wash, 20 lks. wide, 3 ft. deep, drains N. for 1 ch. to draw, drains W.
- 32.00 Top of low spur, 30 ft. high, projects N.
- 38.00 Draw, 50 ft. deep, drains N.
- 39.00 Begin abrupt ascent E. slope.
- 40.11 Set a sandstone, (no iron post available) $20 \times 16 \times 10$, ins. 15 ins. in the ground, marked $\frac{1}{4}$ on N. face, for $\frac{1}{4}$ sec. cor.; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 40.50 Top of 30 ft. sandstone ledge facing E., bears N. and S.
- 71.74 Triangulation point on W. rim of mesa and top of 550 ft. nearly vertical sandstone ledge, bears N. 10° W. and S. 10° E. Thence by triangulation, precipitous descent over W. face of mesa.
- 80.22 The cor. of secs. 11, 12, 13 and 14, 600 ft. below top of mesa.

Chains

Land, rolling mesa top and precipitous W. break.

Soil, rocky and loose sand; 4th rate.

Undergrowth, black brush, mountain rush and amole plant.

Timber, scattered juniper and pinon on mesa top.

N. 0°01' W., bet. secs. 11 and 12.

Over rough and broken land facing W., and lying under

W. rim of No Man's Land, through scattered undergrowth.

15.98 Base of W. rim of high mesa, bearing N.10°W. and S.20°E.

I am unable to continue N. on true line on account of nearly vertical ledge about 500 ft. high; therefore continue line by traverse as follows:

N. 12°00' W., for 16.40 chs., then

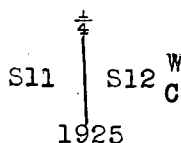
N. 16°30' W., for 8.32 chs. to point of northing of 40.00 chs., then

East, 74 lks. to point at which,

40.00 W. 5.03 chs. from true cor. point,

Set an iron post, 3 ft. long, 1 in. dia., over cross

(X) cut in sandstone surface rock, 30 ins. in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked



Other accessories impracticable.

The true point for $\frac{1}{4}$ sec. cor., 5.03 chs. dist. E. of witness cor. falls on inaccessible W. face of mesa.

The witness cor. stands at base, bearing N.10°W. and S.10°E.

Then from point 74 lks. W. of the witness cor.,

N.16°30' W., 2.70 chs (or 11.02 chs. on this course) then

N.6° 30' W., 25.50 chs., then

North, 12.07 $\frac{1}{2}$ chs., thence

East, 9.41 chs. to true line on which, at

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in

in the ground, for cor. of secs. 1, 2, 11 and 12,
with brass cap marked

T42S	R12E
S2	S1
S11	S12

1925

At base of monument, I deposit a sandstone, 7x6x4 ins.,
marked with a cross (X).

Land, rough and broken general W. slope.

Soil, rocky and sandy; 4th rate.

Undergrowth, scattered black brush and mountain rush.

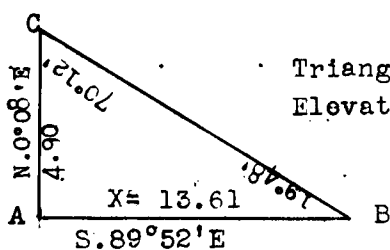
No timber.

S. 89°52' E., on random line bet. secs. 1 and 12.

The line to E. passes over W. break of mesa, up which

I cannot chain, therefore triangulate as follows:

Designate sec. cor. "A" and set flag "B" on line at
top of mesa, then measure base line "AC" N.0°8' E.,
4.90 chs, dist. to point whence "B" subtends angle of
70°12'. From "B" the base "AC" subtends angle of
19°48'. Vertical angle "AB" = plus 29½°.



Triangulation distance = 13.61 chs.
Elevation = 510 ft.

- 13.61 ✓ Point of triangulation. Thence by chaining.
- 40.00 Set temp. ¼ sec. cor.
- 80.08 Intersect E. bdy. of tp., 19 lks. S. of the cor. of
secs. 1, 6, 7 and 12, which is a sandstone, properly
marked and witnessed as described in notes of T.42 S.,
R. 13 E., Group No. 153.

Thence,

West, on true line bet. secs. 1 and 12.

Over rolling top of mesa on No Man's Land, through
scattered timber and undergrowth.

Subdivision of T. 42 S., R. 12 E.

Chains

40.04 Set a sandstone, (no iron post available) 28x14x4 ins.,
6 ins. in ground to bedrock, and surrounded by a
large mound of stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face.

No other accessories available.

50.00 Draw, 10 ft. deep, drains SW.

66.47 To point of triangulation on W. rim of mesa and top of
450 ft. nearly vertical ledge, bears NE. and SW.;
thence by triangulation; precipitous descent on W.
break of mesa, 510 ft. to sec. cor.

80.08 The cor. of secs. 1, 2, 11 and 12.

Land, rolling top of mesa and abrupt W. slope.

Soil, rocky and sandy; 3rd and 4th rates.

Undergrowth, black brush and mountain rush.

Timber, scattered juniper and pinon on top of mesa.

N. 0°01' W., on random line bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.30 Intersect N. bdy. of tp., 19 lks. E. of the cor. of
secs. 1, 2, 35 and 36, heretofore described.

Thence,

S. 0°09' E., on true line bet. secs. 1 and 2.

Over broken land facing W., through scattered undergrowth.

3.25 Wash, 20 lks. wide, 2 ft. deep, drains NW.

40.30 Cut cross (X) in sandstone surface rock, over which
Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
↑
S2 | S1
1925

No other accessories practicable.

53.30 Trail, bears NE. and SW.

80.30 The cor. of secs. 1, 2, 11 and 12, 260 ft. above $\frac{1}{4}$ sec.
cor.

chains

Land , broken by several small draws and spurs putting
W. from W. base of No Man's Land.

Soil, rocky and sandy; 3rd and 4th rate.

Undergrowth, scattered mountain rush and black brush.

No timber.

From the cor. of secs. 2, 3, 34 and 35 on S. bdy. of
tp., heretofore described.

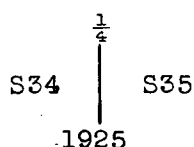
Thence,

N. 0°01' W., bet. secs. 34 and 35.

Over broken and rocky land, through scattered undergrowth

Along rough W. slope on E. side of canyon bottom.

- 5.00 Draw, 30 ft. deep, drains SW.
- 8.00 Rocky point 100 ft. above canyon bottom, projects W.
- 10.00 Bottom of Nokai Canyon, dry, drains N.80°E.
- 22.00 Recross same, drains NW.
- 31.00 Top of rocky point on E. side of canyon, 100 ft. above
bottom.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



At base of monument, I deposit a sandstone, 6x6x6 ins.,
marked with a cross (X).

- 43.40 Bottom of Nokai Canyon, drains N.80°E.
- 48.30 Recross bottom of canyon, drains NW.; ascend abrupt
SW. canyon slope, 280 ft. to
- 57.30 Top of 100 ft. vertical sandstone ledge on right rim of
Nokai Canyon, bears NW. and SE.; thence over rolling land.
- 80.00 Cut cross (X) in sandstone surface rock, over which,
Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in
a mound of stone, for cor. of secs. 26, 27, 34 and 35,
with brass cap marked,

Subdivision of T. 42 S., R. 12 E.

Chains

T42S	R12E
S27	S26
S34	S35

1925

Other accessories impracticable.

Land, broken canyon slopes, and rolling bench.

Soil, rocky, sandy and clay; 3rd and 4th rate.

Undergrowth, scattered black brush and mountain rush.

No timber.

East on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the cor. of secs. 25, 26, 35 and 36.

Thence,

West, on true line bet. secs. 26 and 35,

Over broken land facing nearly W., through scattered undergrowth.

40.05 Cut cross (X) into sandstone surface rock, over which,
Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in
a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap
marked

	S26
$\frac{1}{4}$	S35
	1925

Cor. stands on general W. slope, 400 ft. below sec. cor.

55.00 Enter rolling bench land, bears N. and S.

80.10 The cor. of secs. 26, 27, 34 and 35, 175 ft. below $\frac{1}{4}$
sec. cor.

Land, broken and rolling; general W. exposure and
drainage.

Soil, rocky and sandy; 3rd and 4th rate.

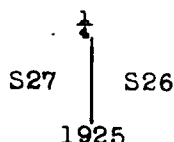
Undergrowth, black brush, mountain rush, and amole plant.

No timber.

N. 0°01' W., bet. secs. 26 and 27.

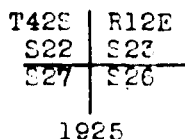
Over broken bench land, through scattered undergrowth.

- 11.00 Gulch, 4 chs. wide, 100 ft. deep, drains W.
- 29.50 Spur, 50 ft. high, projects W.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in. the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



At base of monument, I deposit a sandstone, 12x10x10 ins., marked with a cross (X).

- 52.00 Draw, 4 chs. wide, 40 ft. deep, drains W.
- 75.50 Gulch, 6 chs. wide, 70 ft. deep, drains W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap marked



At base of monument, I deposit a sandstone, 10x10x10 ins., marked with a cross (X).

Land, broken with general W. exposure and drainage into Nokai Canyon.

Soil, rocky of sandstone formation, and sandy clay; 4th rate.

Undergrowth, black brush, mountain rush and amole plant. No timber.

East, on random line bet. secs. 23 and 26.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 23 and 26.

Over broken land, though scattered undergrowth. Trail bears N. and S.

Chains

- 22.00 N. of line 5 chs. dist., is a small seep spring of good water, drains W.
- 40.02 True point for $\frac{1}{4}$ sec. cor., falls on steep clay slope of bad land formation where a permanent cor. cannot be set, therefore at
- 40.31 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S23} \\ \hline \text{S26} \\ 1925 \end{array} \text{ WC}$$

At base of monument, I deposit a sandstone, 16x8x4 ins., marked with a cross (X).

Cor. stands on W. slope, 380 ft. below sec. cor.

44.00 Gulch, 2 chs. wide, 40 ft. deep, drains SW.

74.00 Gulch, 40 ft. deep, drains NW.

80.04 The cor. of secs. 22, 23, 26 and 27.

Land, broken with general W. exposure and drainage.

Soil, rocky, sandy clay, and blue clay; 4th rate.

Undergrowth, black brush.

No timber.

N. 0°01' W., bet. secs. 22 and 23.

Over broken land facing W., through scattered undergrowth.

2.50 Gulch, 4 chs. wide, 130 ft. deep, drains W.

11.30 Spur, 50 ft. high, projects W.

12.50 Gulch, 4 chs. wide, 70 ft. deep, drains W.

40.00 On SW. slope,

Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S22} \quad | \quad \text{S23} \\ 1925 \end{array}$$

Subdivision of T. 42 S., R. 12 E.

Chains

At base of monument, I deposit a sandstone, 8x7x7 ins., marked with a cross (X).

41.80 Trail, bears E. and W.

62.80 Gulch, 160 ft. deep, drains W.

80.00 True point for sec. cor., falls in bottom of water course in gulch, where a permanent cor. cannot be established, therefore at,

80.30 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for witness cor. to the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T42S	R12E
S15	S14
S22	S23
W C	
1925	

At base of monument, I deposit a sandstone, 6.x4x4 ins., marked with a cross (X).

Land, broken with general W. exposure and drainage into Nokai Canyon.

Soil, rocky, sandy clay, and blue clay.

Undergrowth, black brush.

No timber.

S. 89°56' E., on random line bet. secs. 14 and 23, from true cor. point.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.18 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N. 89°55' W., on true line bet. secs. 14 and 23.

Over broken land facing W., through scattered undergrowth. Trail, bears N. and S.

9.40 Draw, 40 ft. deep, drains NW.

40.09 On W. slope, 430 ft. below sec. cor.,

Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked

Subdivision of T. 42 S., R. 12 E.

Chains	$\frac{1}{4} \frac{S14}{S23}$ 1925
	At base of monument, I deposit a sandstone, 20x10x10 ins., marked with a cross (X).
80.18	The true point for cor. of secs. 14, 15, 22 and 23, in bottom of gulch draining NW., 300 ft. below $\frac{1}{4}$ sec. cor.
	Land, broken with a general W. exposure and drainage. Soil, rocky of sandstone formation, shallow firm sandy and clay; 3rd and 4th rate. Undergrowth, black brush. No timber.
	<hr/> N. 0°01' W., bet. secs. 14 and 15, from true cor. point. Over broken land facing W., through scattered undergrowth.
0.30	The witness sec. cor.
4.30	Top of ascent on N. side of gulch, 85 ft. above true cor. point.
17.80	Draw, 70 ft. deep, drains W.
30.00	Draw, 30 ft. deep, drains W.
40.00	On a SW. slope, Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $S14 \quad | \quad S15$ 1925
	At base of monument, I deposit a sandstone, 10x10x4 ins., marked with a cross (X).
47.50	Spur, 50 ft. high, projects W.
66.30	Gulch, 100 ft. deep, drains W.
79.20	Draw, 20 ft. deep, drains W.
80.00	On S. slope, Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock, and supported by a mound of

stone, for cor. of secs. 10, 11, 14 and 15, with
brass cap marked

T42S	R12E
S10	S11
S15	S14

1925

At base of monument, I deposit a sandstone, 10x9x9 ins.,
marked with a cross (X).

Land, broken cut by numerous gulches draining W. into
Nokai Canyon.

Soil, rocky and sandy clay; 3rd and 4th rate.

Undergrowth, black brush.

No timber.

S. 89°55' E., on random line bet. secs. 11 and 14.

40.00 Set tamp. $\frac{1}{4}$ sec. cor.

80.24 Intersect N. and S. line, 21 lks. N. of the cor. of
secs. 11, 12, 13 and 14.

Thence,

N. 89°46' W., on true line bet. secs. 11 and 14.

Over broken land facing W., through scattered under-
growth. Descending.

1.90 Trail, bears N. and S.

21.00 Gulch, 90 ft. deep, drains NW.

40.12 Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S11
$\frac{1}{4}$
S14

1925

At base of monument, I deposit a sandstone, 20x20x10
ins., marked with a cross (X).

Cor. stands 485 ft. below sec. cor.

57.60 Draw, 50 ft. deep, drains NW.

67.00 Spur, 40 ft. high, projects NW.

80.24 The cor. of secs. 10, 11, 14 and 15, 275 ft. below $\frac{1}{4}$
sec. cor.

Subdivision of T. 42 S., R. 19 E.

Chains

Land, broken with general W. to NW. exposure and drainage.

Soil, rocky and sandy clay; 4th rate.

Undergrowth, black brush.

No timber.

N. 0°01' W., bet. secs. 10 and 11.

Over broken land, through scattered undergrowth.

7.50 Gulch, 175 ft. deep, drains W.

12.00 Spur, 50 ft. high, projects W.

25.00 Gulch, 170 ft. deep, drains W.

36.20 Gulch, 90 ft. deep, drains W.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S10 | S11
1925

At base of monument, I deposit a sandstone, 7x6x3 ins., marked with a cross (X).

51.00 Trail, bears E. and W., on top of rise, bears same.

69.00 Gulch, 100 ft. deep, drains W.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 8 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T42 S | R12E
S3 | S2
S10 | S11
1925

At base of monument, I deposit a sandstone, 9x3x2 ins., marked with a cross (X).

Land, broken with general W. exposure and drainage into Nokai Canyon.

Soil, rocky, sandy clay, and blue clay; 4th rate.

Undergrowth, scattered black brush. No timber.

Subdivision of T. 42 S., R. 12 E.

Chains

S. $89^{\circ}46'$ E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.34 Intersect N. and S. line 2 lks. S. of the cor. of
secs. 1, 2, 11 and 12.

Thence,

N. $89^{\circ}47'$ W., on true line bet. secs. 2 and 11.

Over rough broken land facing nearly W., through
scattered undergrowth.

22.00 Trail, bears NE. and SW.

26.30 Wash, 20 lks. wide, 3 ft. deep, 200 ft. below sec.
cor., drains NW.; ascend NE. slope, 115 ft. to

33.00 Top of ridge, bears NW. and SE.; also point from which
small seeps of good water, bears South of line about
9 chs. dist. descend 150 ft. to $\frac{1}{4}$ sec. cor.

40.17 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S2
 $\frac{1}{4}$
S11
1925

At base of monument, I deposit a sandstone, 7x5x3 ins.,
marked with a cross (X).

56.00 Wash, 20 lks. wide, 3 ft. deep, 400 ft. below $\frac{1}{4}$ sec.
cor., drains NW.

80.34 The cor. of secs. 2, 3, 10 and 11, 550 ft. below $\frac{1}{4}$ sec.
cor.

Land, broken with general W. and NW. exposure and
drainage.

Soil, rocky, sandy and blue clay; 4th rate.

Undergrowth, black brush.

No timber.

N. $0^{\circ}09'$ W., bet. secs. 2 and 3 on random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.91 Intersect N. bdy. of tp., 34 lks. W. of the cor. of secs.
2, 3, 34 and 35, heretofore described.

Subdivision of T. 42 S., R. 12 E.

Chains

Thence,

S. $0^{\circ}06'$ W., on true line bet. secs. 2 and 3.

Over broken land, through scattered undergrowth.
Trail, bears NW. and SE.

2.10
39.91

Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S3 | S2
 1925

At base of monument, I deposit a sandstone, 6x5x5 ins.,
marked with a cross (X).

52.00 Draw, 65 ft. below $\frac{1}{4}$ sec. cor., drains NW.
62.30 Spur, 130 ft. above draw, projects W.
67.00 Draw, 125 ft. below spur, drains W.; ascend 150 ft. cor.
79.91 The cor. of secs. 2, 3, 10 and 11.

Land, broken of bad land formation, with general W.
exposure and drainage into Nokai Canyon.
Soil, rocky, sandy and blue clay; 4th rate.
Undergrowth, scattered black brush.
No timber.

From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of
tp., heretofore described.

N. $0^{\circ}02'$ W., bet. secs. 33 and 34.

Over broken land facing E., through scattered undergrowth.

6.10 Wash, 20 lks. wide, 2 ft. deep, 40 ft. below sec. cor.,
drains E.
21.00 Wash, 15 lks. wide, 3 ft. deep, drains E.
40.00 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in
the ground to bedrock, and in a mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S33 | S34
 1925

At base of monument, I deposit a sandstone, 10x8x6 ins.,
marked with a cross (X).

chains

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T42S	R12E
S28	S27
S33	S34

1925

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, broken with general E. exposure and drainage into Nokai Canyon.

Soil, rocky and sandy clay; 3rd and 4th rate.

Undergrowth, black brush, mountain rush and amole plant.

No timber.

East, on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence,

S. $89^{\circ}56'$ W., on true line bet. secs. 27 and 34.

Over rolling bench land to rim, through scattered undergrowth.

14.20 Right rim of Nokai Canyon and top of 100 ft. sandstone ledge, bears N. and S.; descend abrupt, rocky W. slope, 225 ft. to bottom.

25.00 Bottom of Nokai Canyon, drains N.; trail in bottom, bears N. and S.

Gradually ascend NE. slope, 100 ft. to $\frac{1}{4}$ sec. cor.

36.30 Wash, 20 lks. wide, 5 ft. deep, drains NE.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S27
	S34

1925

Subdivision of T. 42 S., R. 12 E.

Chains

At base of monument, I deposit a sandstone, 12x8x4 ins.,
marked with a cross (X).

Continue ascent over broken E. slope, 570 ft. to sec.
cor.

58.00 Trail, bears NW. and SE.

80.00 The cor. of secs. 27, 28, 33 and 34.

Land, rolling and rough, broken slopes of Nokai Canyon;
E. and W. exposures and drainage.

Soil, rocky and sandy clay; 3rd and 4th rate.

Undergrowth, black brush and amole plant.

No timber.

N. 0°02' W., bet. secs. 27 and 28.

Over broken land facing E., through scattered under-
growth.

27.00 Gulch, 2 chs. wide, 100 ft. deep, drains E.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S28} \quad | \quad \text{S27} \\ 1925 \end{array}$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of the cor. Also deposit a sandstone, 4x4x2 ins.,
marked with a cross (X), at base of post.

78.00 Gulch, 60 ft. deep, 2 chs. wide, drains E.

80.00 Set an iron post, 3 ft. long, 2 ins., dia., 10 ins. in
the ground to bedrock, and supported by a mound of
stone, for cor. of secs. 21, 22, 27 and 28, with
brass cap marked

$$\begin{array}{c} \text{T42S} \quad | \quad \text{R12E} \\ \text{S21} \quad | \quad \text{S22} \\ \text{S28} \quad | \quad \text{S27} \\ 1925 \end{array}$$

At base of monument, I deposit a sandstone, 8x8x8 ins.,
marked with a cross (X).

Land, broken, with general E. exposure and drainage

Chains	into Nokai Canyon.
	Soil, rocky of sandstone formation with shallow sandy clay; 3rd and 4th rate.
	Undergrowth, black brush and scattered grass.
	No timber.
	<u>1</u>
	N. 89°56' E., on random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect the cor. of secs. 22, 23, 26 and 27.
	Thence,
	S. 89°56' W., on true line bet. secs. 22 and 27.
	Over broken land, through scattered undergrowth.
10.00	Trail, bears N. and S.
16.20	Right rim of canyon and top of 100 ft. vertical sandstone ledge, 175 ft. below sec. cor., bears N. and S.;
	descend 175 ft. into canyon bottom.
22.10	Bottom of Nokai Canyon, drains N.
	Ascend 50 ft. to
39.95	Over cross (X) cut into sandstone surface rock,
	Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} \frac{1}{4} \text{ S22} \\ \hline \text{S27} \\ 1925 \end{array}$
	Other accessories impracticable.
	Begin abrupt ascent of 370 ft. over E. slope to rim.
45.50	Draw, 30 ft. deep, drains NE.
57.00	Left rim and top of 100 ft. ledge, bears NE. and SW.;
	continue more gradual ascent of 100 ft. to sec. cor.
65.00	Wash, 50 lks. wide, 10 ft. deep, drains N.
79.90	The cor. of secs. 21, 22, 27 and 28.
	Land, broken, general E. and W. exposures and drainage into Nokai Canyon draining N.
	Soil, rocky and sandy clay; 4th rate.

Subdivision of T. 42 S., R. 12 E.

Chains

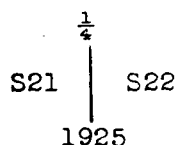
Undergrowth, scattered black brush and amole plant.
No timber.

N. 0°02' W., bet. secs. 21 and 22.

Over broken land facing E., through scattered undergrowth

20.50 Draw, 60 ft. deep, drains E.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.



At base of monument, I deposit a sandstone, 10x6x4
ins., marked with a cross (X).

Pits impracticable and no rock available for mound.

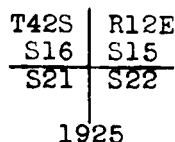
48.00 Draw, 3 chs. wide, 70 ft. deep, drains E.

59.50 Draw, 2 chs. wide, 85 ft. deep, drains E.

68.00 Draw, 40 ft. deep, drains E.

80.00 On gentle E. slope.

Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in
the ground to bedrock, and supported by a mound of
stone, for cor. of secs, 15, 16, 21 and 22, with
brass cap marked



At base of monument, I deposit a sandstone, 12x11x10
ins., marked with a cross (X).

Land, broken with an E. slope and drainage into Nokai
Canyon.

Soil, rocky and sandy clay; 3rd and 4th rate.

Undergrowth, scattered black brush, mountain rush and
amole plant. No timber.

N. 89°56' E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Chains

- 79.78 Intersect N. and S. line, 7 lks. S. of true point for
cor. of secs. 14, 15, 22 and 23. Witness cor. is
N. 30 lks. dist.
- Thence from true cor. point in bottom of canyon.
S. 89°53' W., on true line bet. secs. 15 and 22.
Over broken land, through scattered undergrowth.
- 6.00 Top of W. edge canyon, 100 ft. above bottom, bears NW.
and SE.; descend general W. slope, 180 ft. to rim.
- 18.20 Right rim of Nokai Canyon, and top of 50 ft. vertical
sandstone ledge, bears N. and S.
- 20.20 Trail, bears N. and S.
- 20.50 Bottom of Nokai Canyon, 70 ft. deep, drains N.
- 23.20 Left rim of canyon, bears N. and S.; ascend 130 ft. to
- 39.89 Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S15
 $\frac{1}{4}$ S22
1925

Deposit a sandstone, 30x20x8 ins., marked with a cross
(X), alongside of post.

Continue ascent over E. slope of 275 ft. to sec. cor.

50.00 Trail, bears NW. and SE.

79.78 The cor. of secs. 15, 16, 21 and 22.

Land, broken with E. and W. exposures and drainage.

Soil, rocky and sandy clay; 4th rate.

Undergrowth, black brush. No timber.

N. 0°02' W., bet. secs. 15 and 16.

Over broken land facing E., through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S16 S15
1925

Subdivision of T. 42 S., R. 12 E.

Chains

At base of monument, I deposit a sandstone, 20x6x8 ins.
marked with a cross (X).

54.50 Draw, 45 ft. deep, drains E.

80.00 On E. slope,

Set an iron post, 3 ft. long, 2 ins., dia., 18 ins. in
the ground to bedrock, and supported by a mound of
stone, for cor. of secs. 9, 10, 15 and 16, with brass
cap marked

T42S	R12E
S9	S10
S16	S15

1925

At base of monument, I deposit a sandstone, 18x10x4 ins.,
marked with a cross (X).

Land, broken with general E. exposure and drainage into
Nokai Canyon.

Soil, sandstone surface rock, rocky and sandy; 4th rate.

Undergrowth, scattered black brush. No timber.

N. 89°53' E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect N. and S. line, 19 lks. S. of the cor. of
secs. 10, 11, 14 and 15.

Thence,

S. 89°45' W., on true line bet. secs. 10 and 15.

Over broken land, through scattered undergrowth.

19.00 Trail, bears N. and S.

23.00 Right rim of canyon, bears N. and S.

24.50 Bottom of Nokai Canyon, 60 ft. deep, drains N.

25.60 Left rim of canyon, bears N. and S.; ascend 150 ft. to

39.89 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S10
$\frac{1}{4}$
S15
1925

Subdivision of T. 42 S., R. 12 E.

Chains

- At base of monument, I deposit a sandstone, 14x14x10 ins., marked with a cross (X).
- 45.00 Enter sandstone surface rock, bears N. and S.
- 78.50 Leave sandstone surface rock, bears N. and S.
- 79.78 The cor. of secs. 9, 10, 15 and 16, 480 ft. above $\frac{1}{4}$ sec. cor.
- Land, broken, with general E. and W. exposures and drainage into Nokai Canyon.
- Soil, sandstone surface, rocky and shallow sandy clay; 4th rate.
- Undergrowth, scattered black brush. No timber.
-
- N. 0°02' W., bet. secs. 9 and 10.
- Over broken land facing E., through scattered undergrowth.
- 9.70 Draw, 50 ft. deep, drains E.
- 33.70 Draw, 70 ft. deep, drains E.
- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S9} \quad | \quad \text{S10} \\ | \\ 1925 \end{array}$$
- At base of monument, I deposit a sandstone, 12x 10x8 ins., marked with a cross (X).
- 75.00 Draw in solid rock, 5 ft. deep, drains E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 3, 4, 9 and 10, with brass cap marked
- | | |
|------|------|
| T42S | R12E |
| S4 | S3 |
| S9 | S10 |
| 1925 | |
- At base of monument, I deposit a sandstone, 14x10x4 ins., marked with a cross (X).

Subdivision of T. 42 S., R. 12 E.

Chains	
	Land, broken E. slope; drainage E. into Nokai Canyon. Soil, sandstone surface rock, rocky and shallow sandy clay; 4th rate. Undergrowth, black brush. No timber.
	<hr/>
	N. 89°45' E., on random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 2, 3, 10 and 11.
	Thence, S. 89°48' W., on true line bet. secs. 3 and 10. Over broken and rocky land, through scattered under- growth; gentle descent to canyon rim, of 125 ft.
21.00	Trail, bears N. and S.
23.30	Right rim of Nokai Canyon, bears NW. and SE., 130 ft.. below sec. cor.
24.00	Bottom of Nokai Canyon, 110 ft. deep, drains NW.
26.30	Left rim of canyon, 110 ft. above bottom, bears NW. and SE.; continue ascent over rocky E. slope.
39.95	Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div>S3</div> <div>$\frac{1}{4}$ ———</div> <div>S10</div> <div>1925</div>
	Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
79.90	The cor. of secs. 3, 4, 9 and 10, 425 ft. above $\frac{1}{4}$ sec. cor.
	Land, broken, with general E. and W. exposures and drainage. Soil, rocky, with shallow sandy clay; 4th rate. Undergrowth, black brush, mountain rush and amole plant. No timber.
	<hr/>

N. 0°06' E., on random line bet. secs. 3 and 4.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. bdy. of tp., 16 lks. E. of the cor. of
secs. 3, 4, 33 and 34, heretofore described.

Thence,

S. 0°01' E., on true line bet. secs. 3 and 4.

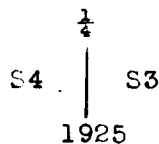
Over broken land facing E., through scattered undergrowth.

Spur, 30 ft. high, projects E.

Draw, 10 ft. deep, drains E.

On E. slope, 190 ft. above sec. cor.,

Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



At base of monument, I deposit a sandstone, 20x14x4 ins.,
marked with a cross (X).

Draw, 50 ft. deep, drains E.

Draw, 40 ft. deep, drains E.

The cor. of secs. 3, 4, 9 and 10.

Land, broken; general E. exposure and drainage into
Nokai Canyon.

Soil, rocky and shallow sandy clay; 4th rate.

Undergrowth, black brush and shadscale.

No timber.

From the cor. of secs. 4, 5, 32 and 33 on S. bdy. of
tp., heretofore described.

N. 0°03' W., bet. secs. 32 and 33.

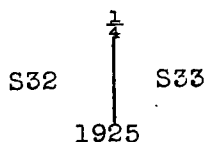
Over rolling top of Piute Mesa, through medium dense
timber and undergrowth.

Enter more scattered timber, bears E. and W.

Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 42 S., R. 12 E.

Chains



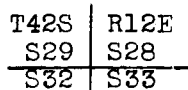
from which

A juniper, 6 ins.diam., bears N.6 $\frac{1}{2}$ °W., 126 lks.
dist., marked $\frac{1}{4}$ S32 BT

A juniper, 4 ins.diam., bears N.55 $\frac{1}{2}$ °E., 232 lks.
dist., marked $\frac{1}{4}$ S33 BT

42.00 Wash, 10 lks. wide, 2 ft. deep, drains W.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in
the ground, for cor. of secs. 28, 29, 32 and 33,
with brass cap marked



1925

from which

A juniper, 18 ins.diam., bears N.3 $\frac{1}{2}$ °E., 252 lks.
dist., marked T42S R12E S28 BT

A juniper, 10 ins.diam., bears S.11 $\frac{1}{4}$ °E., 467 lks.
dist., marked BT (too scrubby)

A juniper, 12 ins.diam., bears S.3°W., 317 lks.
dist., marked T42S R12E S32 BT

A juniper, 13 ins.diam., bears N.30°W., 147 lks.
dist., marked T42S R12E S29 BT

Land, rolling top of mesa.

Soil, sandy loam; 2nd rate.

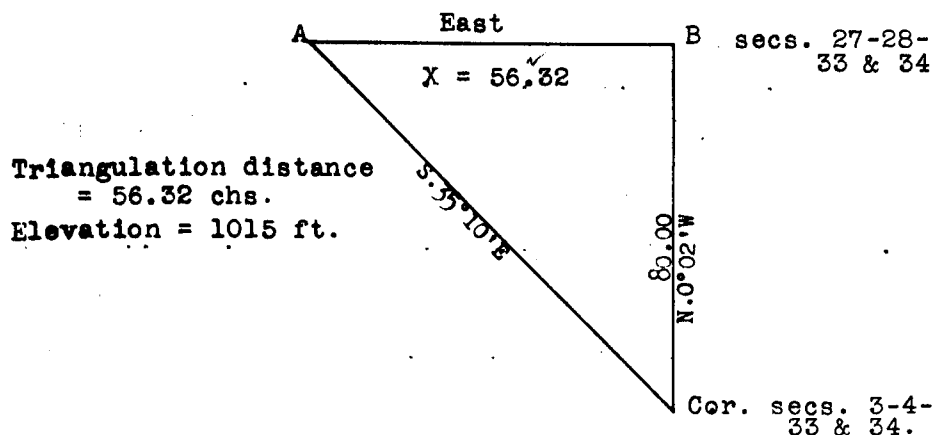
Undergrowth, sagebrush, mountain rush and black brush.

Timber, juniper and pinon.

East, on random line bet. secs. 28 and 33.

23.80 E. rim of mesa, down which it is impossible to chain,
therefore triangulate as follows: I designate this
point "A" and cor. of secs. 27, 28, 33 and 34, which
is visible and bears East, designate "B", the cor.
of secs. 3, 4, 33 and 34 on S. bdy. is visible and
bears S.35°10' E. Vertical angle "AB" is -15°15'.
Therefore the distance to cor. secs. 27, 28, 33 and 34,
is 56.32 chs. and difference of elevation is 1015 ft.

Chains



80.12 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence,

West, on true line bet. secs. 28 and 33, by direct measurement to $\frac{1}{4}$ sec. cor.

Over broken land facing E. through scattered undergrowth, ascending 340 ft. to

40.06 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28
 $\frac{1}{4}$ $\frac{S28}{S33}$
 1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Thence by triangulation, to top of mesa.

56.32 To point of triangulation on top of E. rim of Piute Mesa, a vertical ledge about 500 ft. high and 675 ft. above $\frac{1}{4}$ sec. cor., bears N. and SE.

Thence over rolling top of mesa through scattered timber and undergrowth.

80.12 The cor. of secs. 28, 29, 32 and 33.

Land, broken with E. slope and drainage on E. portion, and rolling mesa top on W. portion of mile.

Soil, rocky of sandstone formation with shallow sandy clay on E. portion, deep firm sandy loam on mesa top; 2nd and 4th rates.

Timber, scattered juniper and pinon, on mesa top.

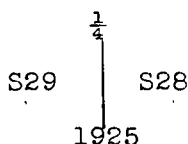
Undergrowth, sagebrush, black brush and mountain rush.

Chains

N. $0^{\circ}03'$ W., bet. secs. 28 and 29.

Over rolling top of mesa through scattered timber and medium undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

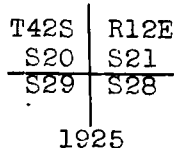
A juniper, 8 ins.diam., bears N. $70\frac{3}{4}^{\circ}$ E., 67 lks.
dist., marked $\frac{1}{4}$ S28 BT

A juniper, 4 ins.diam., bears N. $10\frac{1}{2}^{\circ}$ W., 192 lks.
dist., marked $\frac{1}{4}$ S29 BT

55.00 Indian hogan and corral on line.

65.00 Enter dense timber, bears E. and W.

80.00 Over cross cut into sandstone surface rock,
Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked



from which

A juniper, 4 ins.diam., bears N. $33\frac{3}{4}^{\circ}$ E., 103 lks.
dist., marked T42S R12E S21 BT

A juniper, 3 ins.diam., bears S. $37\frac{3}{4}^{\circ}$ E., 25 lks.
dist., marked BT (scrubby)

A juniper, 3 ins.diam., bears S. $70\frac{1}{2}^{\circ}$ W., 84 lks.
dist., marked BT (scrubby)

A juniper, 6 ins.diam., bears N. $76\frac{1}{4}^{\circ}$ W., 88 lks.
dist., marked BT (scrubby)

Land, rolling mesa top.

Soil, sandy loam and rocky of sandstone formation; 2nd to 4th rate.

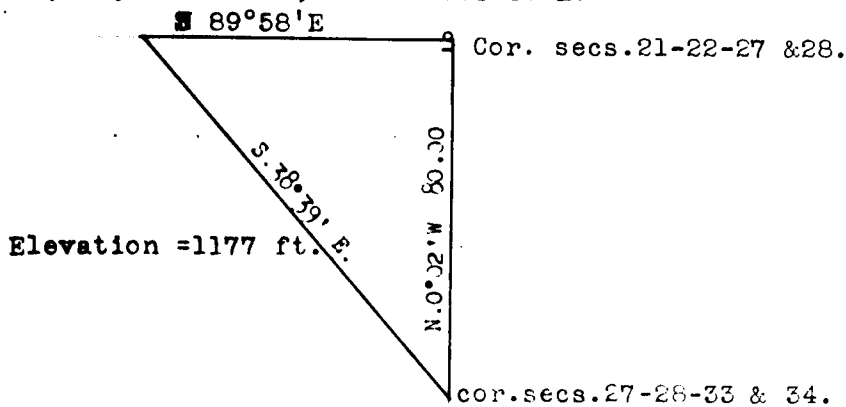
Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered to dense juniper and pinon.

East, on random line bet. secs. 21 and 28.

Chains

- 18.02 E. rim of Piute Mesa, down which I cannot chain, therefore determine the distance to sec. cor. by triangulation as follows: The cor. of secs. 21, 22, 27 and 28 is visible and bears S.89°58' E., on vertical angle of - 15°35'; use sec. line bet. secs. 27 and 28, N.0°02'W., 80.00 chs., as base line. The cor. of secs. 27, 28, 33 and 34, bears S.38°39'E.



Triangulation distance = 63.96 chs.
Previous distance = 16.02

- 79.98 Intersect N. and S. line 4 lks. N. of the cor. of secs. 21, 22, 27 and 28; thence by direct measurement to $\frac{1}{4}$ sec. cor.

N. 89°58' W., on true line bet. secs. 21 and 28.

Over broken land, through scattered undergrowth; ascending general E. slope, 385 ft. to

- 39.99 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S21}{S28} \\ 1925$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Thence by triangulation.

- 63.96 To point of triangulation on E. rim of Piute Mesa, and top of nearly vertical sandstone ledge, 500 ft. high and 790 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.

Thence over rolling top of mesa, through dense timber and scattered undergrowth.

- 79.98 The cor. of secs. 20, 21, 28 and 29.

Subdivision of T. 42 S., R. 12 E.

Chains

Land, broken, and rolling mesa top.

Soil, rocky and sandy clay; 3rd and 4th rates.

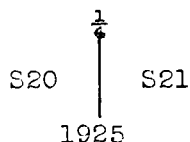
Undergrowth, sagebrush, black brush and mountain rush.

Timber, dense juniper and pinon, on mesa top.

N. 0°03' W., bet. secs. 20 and 21.

Over rolling and rocky land, through dense timber and scattered undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



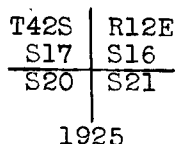
from which

A juniper, 10 ins. diam., bears N. 69° W., 55 lks.
dist., marked $\frac{1}{4}$ S20 BT

A juniper, 6 ins. diam., bears S. 81 $\frac{1}{2}$ ° E., 83 lks.
dist., marked $\frac{1}{4}$ S21 BT

- 70.00 Indian hogan and corral, bears W. of line about 2 chs. dist.

- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked



from which

A juniper, 8 ins. diam., bears N. 43 $\frac{1}{4}$ ° E., 154 lks.
dist., marked BT (too scrubby for full markings)

A juniper, 8 ins. diam., bears S. 1 $\frac{3}{4}$ ° E., 180 lks.
dist., marked T42S R12E S21 BT

A juniper, 6 ins. diam., bears S. 70 $\frac{1}{2}$ ° W., 540 lks.
dist., marked T42S R12E S20 BT

A juniper, 3 ins. diam., bears N. 12 $\frac{1}{2}$ ° W., 158 lks.
dist., marked BT (scrubby)

Land, rolling top of Piute Mesa.

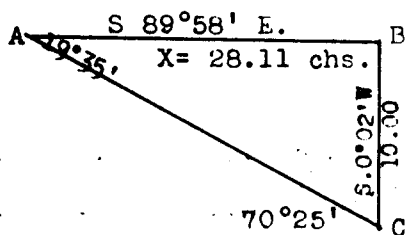
Soil, rocky and shallow sandy loam; 3rd rate.

Undergrowth, sagebrush and black brush.

Timber, juniper and pinon.

S. $89^{\circ}58'$ E., on random line bet. secs. 16 and 21.

E. rim of Piute Mesa down which I cannot chain, therefore triangulate as follows: Erect flag "A" at this point, set flag "B" on line below rim, then, from "B" measure a base line "BC" S. $0^{\circ}02'$ W., 10.00 chs. dist. to point whence "A" subtends angle of $70^{\circ}25'$. From "A" the base "BC" subtends angle of $19^{\circ}35'$.



Triangulation distance
= 28.11 chs.
11.99

To point of triangulation. Set temp. $\frac{1}{4}$ sec. cor.

Intersect the cor. of secs. 15, 16, 21 and 22.

Thence,

N. $89^{\circ}58'$ W., on true line bet. secs. 16 and 21.

Over broken land facing E., through scattered undergrowth; gradually ascending 350 ft. to $\frac{1}{4}$ sec. cor.

To point of triangulation, where

Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S16
 $\frac{1}{4}$ S21
1925

At base of monument, I deposit a sandstone, 14x10x3 ins., marked with a cross (X).

Thence by triangulation.

To point of triangulation on top of E. rim of mesa, 500 ft. high, and 600 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence over broken top of mesa, through medium timber and undergrowth.

The cor. of secs. 16, 17, 20 and 21.

Land, broken E. slope, and broken top of mesa.

Soil, rocky with shallow sandy loam; 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, juniper and pinon on mesa top.

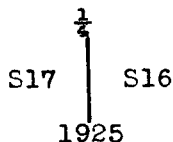
Subdivision of T. 42 S., R. 12 E.

CHAINS

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over rolling top of mesa, through medium dense timber and scattered undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ -sec. cor., with brass cap marked

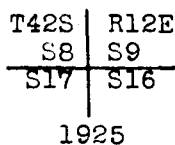


from which

A juniper, 5 ins.diam., bears S. $28\frac{3}{4}^{\circ}$ E., 70 lks.
dist., marked $\frac{1}{4}$ S16 BT

A juniper, 12 ins.diam., bears N. 56° W., 126 lks.
dist., marked $\frac{1}{4}$ S17 BT

- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 8, 9, 16 and 17, with brass cap marked



from which

A juniper, 8 ins.diam., bears N. $19\frac{3}{4}^{\circ}$ E., 172 lks.
dist., marked BT (scrubby)

A juniper, 8 ins.diam., bears S. $8\frac{3}{4}^{\circ}$ E., 192 lks.
dist., marked T42S R12E S16 BT

A juniper, 3 ins.diam., bears S. $10\frac{1}{2}^{\circ}$ W., 130 lks.
dist., marked BT (scrubby)

A juniper, 3 ins.diam., bears N. $65\frac{1}{2}^{\circ}$ W., 132 lks.
dist., marked BT (scrubby)

Land, rolling top of Piute Mesa.

Soil, sandy loam and rocky; 2nd and 3rd rate.

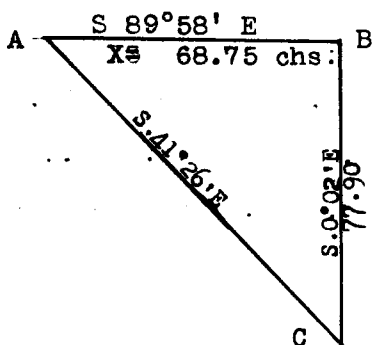
Undergrowth, sagebrush and black brush.

Timber, juniper and pinon.

S. $89^{\circ}58'$ E., on random line bet. secs. 9 and 16.

- 11.21 E. rim of Piute Mesa, down which I cannot chain, therefore triangulate as follows: Designate this point "A", and cor. secs. 9-10-15 & 16, which bears S. $89^{\circ}58'$ E, "B"; from "A" a flag "C" left on line bet. secs. 15 and 16, S. $0^{\circ}02'$ E., 77.90 chs. dist. from "B" bears

S. $41^{\circ}26'$ E. Vertical angle "AB" = $-14^{\circ}46'$.



Elevation = 1196 ft.

Triangulation distance = 68.75 chs.
Previous distance 11.21 "

79.96

Intersect the cor. of secs. 9, 10, 15 and 16.

Thence by direct measurement to $\frac{1}{4}$ sec. cor.

N. $89^{\circ}58'$ W., on true line bet. secs. 9 and 16.

Over broken land facing E., through scattered undergrowth.

29.50

Draw, 90 ft. deep; drains NE.

39.98

On E. slope, 225 ft. above sec. cor.,

Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S9
 $\frac{1}{4}$
S16
1925

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.

Thence by triangulation.

68.75

To point of triangulation on E. rim of Piute Mesa, a
vertical sandstone ledge about 600 ft. high, and
970 ft. above $\frac{1}{4}$ sec. cor., bears generally N. and S.;
thence over rolling top of mesa, through dense timber
and scattered undergrowth.

79.96

The cor. of secs. 8, 9, 16 and 17.

Land, broken E. slope, and rolling top of mesa.

Soil, rocky with shallow sandy clay; 3rd and 4th rate.

Undergrowth, black brush, mountain rush and sagebrush.

Timber, juniper and pinon, on mesa top.

N. $0^{\circ}03'$ W., bet. secs. 8 and 9:

Over rolling mesa top, through medium dense timber and

Subdivision of T. 42 S., R. 12 E.

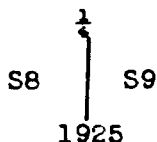
Chains

scattered undergrowth.

10.30 Trail, bears NE. and SW.

32.00 Wash, 20 lks. wide, 3 ft. deep, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

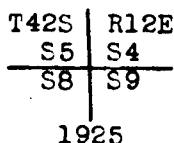


from which

A juniper, 3 ins.diam., bears N.18 $\frac{1}{2}$ °E., 104 lks. dist., marked $\frac{1}{4}$ S9 BT

A juniper, 6 ins.diam., bears N.80 $\frac{1}{4}$ °W., 65 lks. dist., marked $\frac{1}{4}$ S8 BT

80.00 Set an iron post, 3 ft. long, 2 ins.diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked



from which

A juniper, 5 ins.diam., bears N.45 $\frac{1}{2}$ °E., 112 lks. dist., marked BT (scrubby)

A juniper, 8 ins.diam., bears S.51 $\frac{1}{4}$ °E., 88 lks. dist., marked BT (scrubby)

A juniper, 6 ins.diam., bears S.19 $\frac{1}{2}$ °W., 113 lks. dist., marked BT (scrubby)

A juniper, 5 ins.diam., bears N.4 $\frac{1}{4}$ °W., 196 lks. dist., marked T42S R12E S5 BT

Land, rolling top of Piute Mesa.

Soil, sandy loam and rocky; 3rd rate.

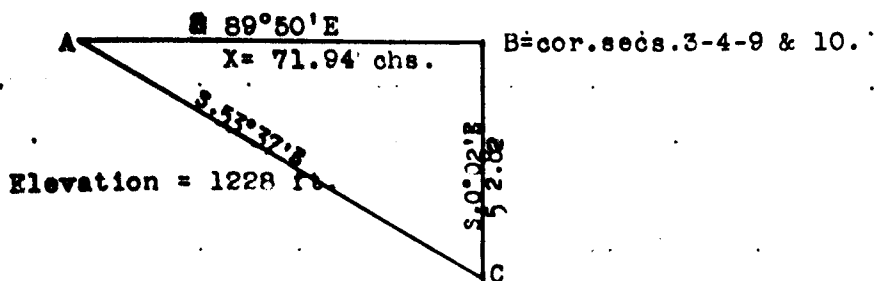
Undergrowth, sagebrush, mountain rush and black brush.

Timber, juniper and pinon.

G. 89°58' E., on random line bet. secs. 4 and 9.

8.00 F. rim of Piute Mesa down which I cannot chain, therefore triangulate as follows: Designate this point "A" and cor. of secs. 3-4-9 & 10 which is visible and bears S.89°50' E., "B"; from "A" a flag left on line bet. secs. 9 and 10, S.0°02'E., 52.82 chs. dist. from "B" and designated "C" bears S.55°37'E. Vertical angle

"AB" = 14°30'.



Triangulation distance = 71.94 chs.
Previous distance = 8.00 "

79.94 Intersect N. and S. line, 19 lks. N. of the cor. of
secs. 3, 4, 9 and 10.

Thence, by direct measurement to $\frac{1}{2}$ sec. cor.

N. 89°50' W., on true line bet. secs. 4 and 9.

Over broken land facing E., through scattered undergrowth.

36.80 Cross head of draw, 20 ft. deep, drains NE.

39.97 On NE. slope, 180 ft. above sec.,

Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in
the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} 14 \\ 19 \\ \hline 1915 \end{array}$$

Raise a mound of stone, 2 ft. base, 12 ft. high, N. of
cor.

Thence by triangulation.

58.00 (approximate) Trail, bears N. and S.

71.94 To point of triangulation on E. rim of Piute Mesa,
600 ft. high, and 1050 ft. above $\frac{1}{2}$ sec. cor., bears
N. and S.

Thence over rolling top of mesa through scattered timber
and undergrowth.

79.94 The cor. of secs. 4, 5, 8 and 9.

Land, broken E. slope, and rolling top of mesa.

Soil, rocky and shallow sandy loam; 3rd rate.

Undergrowth, black brush, mountain rush and sagebrush.

Timber, juniper on mesa top.

Subdivision of T. 42 S., R. 12 E.

Chains

N. 0°01' W., on random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

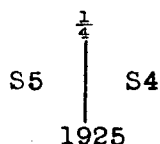
80.13 Intersect N. bdy. of tp., 23 lks. E. of the cor. of
secs. 4, 5, 32 and 33, heretofore described.

Thence,

S. 0°11' E., on true line bet. secs. 4 and 5.

Over rolling and low broken top of mesa, through medium
undergrowth and scattered timber.

40.13 Set an iron post, 3 ft. long, 1 in. dia., 6 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A juniper, 8 ins. diam., bears N. 79 $\frac{1}{4}$ ° E., 36 lks.
dist., marked $\frac{1}{4}$ S4 BT

A juniper, 3 ins. diam., bears N. 75 $\frac{1}{4}$ ° W., 118 lks.
dist., marked $\frac{1}{4}$ S5 BT

80.13 The cor. of secs. 4, 5, 8 and 9.

Land, rolling and low broken top of Piute Mesa.

Soil, sandy loam and rocky; 2nd to 4th rate.

Undergrowth, sagebrush, black brush and mountain rush.

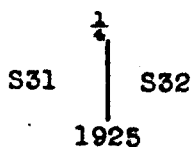
Timber, scattered juniper and pinon.

From the cor. of secs. 5, 6, 31 and 32 on S. bdy. of
tp., heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Over rolling land on top of Piute Mesa, through medium
undergrowth and widely scattered timber.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

ains

A juniper, 8 ins.diam., bears S.26°E., 213 lks.
dist., marked $\frac{1}{4}$ S32 BT
A juniper, 14 ins.diam., bears S.37°W., 175 lks.
dist., marked $\frac{1}{4}$ S31 BT

70.00 Trail, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in
the ground, for cor. of secs. 29, 30, 31 and 32, with
brass cap marked

T42S	R12E
S30	S29
S31	S32

1925

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor. No suitable trees within limits for bearing
trees.

Land, rolling mesa top.

Soil, sandy loam and rocky; 2nd and 3rd rate.

Undergrowth, sagebrush, mountain rush, black brush and
some amole plant.

Timber, scattered scrub juniper and pinon.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the cor. of secs. 28, 29, 32 and 33.

Thence,

West, on true line bet. secs. 29 and 32.

Over rolling mesa top, through medium undergrowth and
scattered scrub timber.

40.03 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S29
	S32
	1925

from which

A juniper, 6 ins.diam., bears S.13 $\frac{1}{4}$ °E., 181 lks.
dist., marked $\frac{1}{4}$ S32 BT
A juniper, 5 ins.diam., bears N.12°W., 121 lks.
dist., marked $\frac{1}{4}$ S29 BT

80.06 The cor. of secs. 29, 30, 31 and 32.

Subdivision of T. 42 S., R. 12 E.

Chains

Land, rolling top of mesa.

Soil, sandy loam, with some scattered sand rock; 2nd and 3rd rate.

Undergrowth, sagebrush, black brush, mountain rush and amole plant.

Timber, very scattered juniper and pinon.

West, on random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.20 Intersect W. bdy. of tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described.

Thence,

N. 89°58' E., on true line bet. secs. 30 and 31.

Over rolling top of mesa through medium undergrowth and scattered scrub timber.

6.80 Trail, bears N. and S.

34.00 Trail, bears N. and S.

38.20 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S30} \\ \hline \text{S31} \\ 1925 \end{array}$$

At base of monument, I deposit a sandstone, 7x5x3 ins., marked with a cross (X).

Other accessories impracticable.

50.00 Trail, bears N. and SE.

78.20 The cor. of secs. 29, 30, 31 and 32.

Land, rolling top of Piute Mesa.

Soil, sandy loam with scattered sand rock; 2nd and 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

N. 0°03' W., bet. secs. 29 and 30.

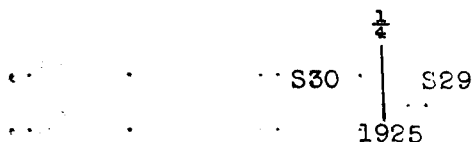
Over rolling land, through medium undergrowth and few scattered trees.

Subdivision of T. 42 S., R. 12 E.

Main

38.00

Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

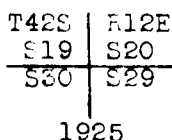


At base of monument, I deposit a sandstone, 6x5x5 ins., marked with a cross (X).

Other accessories impracticable.

30.00

Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked



At base of monument, I deposit a sandstone, 7x6x3 ins., marked with a cross (X).

Other accessories impracticable.

Land, rolling mesa top.

Soil, sandy loam with scattered rock; 2nd to 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, few scattered scrub juniper.

East, on random line bet. secs. 20 and 29.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

30.12

Intersect N. and S. line, 9 lxs. S. of the cor. of secs. 20, 21, 28 and 29.

Thence,

S. $89^{\circ}56'$ W., on true line bet. secs. 20 and 29.

Over rolling mesa top through medium undergrowth and scattered timber.

40.06

Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 42 S., R. 12 E.

Chains

$\frac{1}{4}$ S20
 $\frac{1}{4}$ S29
 1925

from which

- A juniper, 6 ins.diam., bears S.42 $\frac{1}{4}$ °W., 72 lks.
 dist., marked $\frac{1}{4}$ S29 BT
 A juniper, 8 ins.diam., bears N.76 $\frac{3}{4}$ °E., 120 lks.
 dist., marked $\frac{1}{4}$ S20 BT

Leave nearly all timber at $\frac{1}{4}$ sec. cor.

80.12 The cor. of secs. 19, 20, 29 and 30.

Land, rolling top of mesa.

Soil, sandy loam with scattered sand rock; 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered scrub juniper.

S. 89°58' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.12 Intersect W. bdy. of tp., at the cor. of secs. 19, 24,
 25 and 30.

Thence,

N. 89°58' E., on true line bet. secs. 19 and 30.

Over rolling mesa through medium undergrowth and
 scattered scrub timber.

38.12 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S19
 $\frac{1}{4}$ S30
 1925

At base of monument, I deposit a sandstone, 7x6x3 ins.,
 marked with a cross (X).

Other accessories impracticable.

57.00 Trail, bears NE. and SW.; and bottom of swale, drains NW

78.12 The cor. of secs. 19, 20, 29 and 30.

Land, rolling top of mesa.

Soil, sandy loam with scattered rock; 2nd to 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

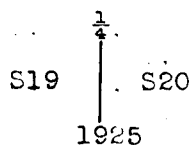
Timber, few scattered scrub juniper.

Chains

N. 0° 03' W., bet. secs. 19 and 20.

Over rolling mesa top through medium undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

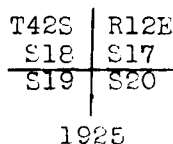


At base of monument, I deposit a sandstone, 6x5x5 ins., marked with a cross (X).

Other accessories impracticable.

68.40 Trail, bears NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked



At base of monument, I deposit a sandstone, 8x7x6 ins., marked with a cross (X).

Other accessories impracticable.

Land, rolling mesa top.

Soil, sandy and some scattered rock; 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

No timber.

N. 89° 56' E., on random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence,

West, on true line bet. secs. 17 and 20.

Over rolling top of mesa through medium undergrowth and very scattered timber.

40.08 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in

Subdivision of T. 42 S., R. 12 E.

Chains

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S17}{S20}$
1925

from which

A juniper, 3 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ W., 56 lks.
dist., marked $\frac{1}{4}$ S17 BT

A juniper, 3 ins. diam., bears S. 74° W., 200 lks.
dist., marked $\frac{1}{4}$ S20 BT

50.00 Leave timber, bears NE. and S.

71.15 Trail, bears NE. and SW.

80.16 The cor. of secs. 17, 18, 19 and 20.

Land, rolling mesa top.

Soil, sandy loam; 2nd rate.

Undergrowth, sagebrush, black brush, mountain rush and
some amole plant.

Timber, scattered scrub juniper on E. portion.

S. $89^{\circ}58'$ W., on random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.93 Intersect W. bdy. of tp., 5 lks. S. of the cor. of secs.
13, 18, 19 and 24, heretofore described.

Thence,

East, on true line bet. secs. 18 and 19.

Over rolling mesa top through medium undergrowth and
very scattered timber.

15.00 Thence over a general N. exposure, entering rocky land.

37.93 Cut cross (X) into sandstone surface rock, over which,
Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in
a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ $\frac{S18}{S19}$
1925

38.30 No trees within limits for bearing trees.

43.10 Trail bears NW. and SE.
W. rim of canyon, bears NW. and SE.; abrupt descent.

45.30 Bottom of canyon, 90 ft. deep, and 3 chs. from head,
drains NW.

Subdivision of T. 42 S., R. 12 E.

35.40

E. rim of canyon, bears NW. and S.; also point from which the ruins of old stone house, bears about South, 10 chs. dist.

Continue over rolling land.

77.95

The cor. of secs. 17, 18, 19 and 20.

Land, rolling mesa top.

Soil, sandy loam and rocky; 2nd to 4th rate.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered scrub juniper and pine.

N. 0°03' W., bet. secs. 17 and 18.

Over rolling mesa top through redler undergrowth and scattered timber.

40.00

Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

$\begin{array}{c} 1 \\ \text{S18} \quad | \quad \text{S17} \\ 1925 \end{array}$

from which

A juniper, 6 ins.diam., bears S.84.°E., 4 chs. dist., marked S118 PT

A juniper, 7 ins.diam., bears N.22.°E., 10 chs. dist., marked S117 PT

55.00

South rim of canyon, bears NE. and W.; abrupt descent.

70.25

Bottom of canyon, 175 ft. below rim, drains W.; abrupt ascent of 140 ft. to

77.30

N. rim of canyon, bears NE. and SW.

80.00

Cut cross (X) in sandstone surface rock, over which.

Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap marked

$\begin{array}{c|c} \text{T42S} & \text{R12E} \\ \text{S7} & \text{S8} \\ \hline \text{S18} & \text{S17} \\ \hline 1925 \end{array}$

from which

A juniper, 8 ins.diam., bears N.27½°E., 27 chs. dist., marked T42S R12E S8 PT

Subdivision of T. 42 S., R. 12 E.

Chains

A juniper, 6 ins.diam., bears S.78 $\frac{3}{4}$ °E., 52 lks.
dist., marked T42S R12E S17 BT
A pinon, 10 ins.diam., bears S.42 $\frac{1}{2}$ °W., 60 lks.
dist., marked T42S R12E S18 BT
A pinon, 10 ins.diam., bears N.44 $\frac{1}{2}$ °W., 121 lks.
dist., marked T42S R12E S7 BT

Land, rolling and broken top of Piute Mesa.

Soil, sandy loam and rocky of sandstone formation; 2nd
to 4th rates.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered scrub juniper and pinon.

East, on random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence,

West, on true line bet. secs. 8 and 17.

Over rolling top of mesa through medium undergrowth and
scattered timber.

10.00 Trail bears NE. and SW.

40.10 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in
the ground to bedrock, and supported by a mound of
stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S8} \\ \hline \text{S17} \\ 1925 \end{array}$$

from which

A juniper, 7 ins.diam., bears N.13°E., 74 lks.
dist., marked $\frac{1}{4}$ S8 BT
A juniper, 3 ins.diam., bears S.28 $\frac{3}{4}$ °W., 30 lks.
dist., marked $\frac{1}{4}$ S17 BT

62.20 Left rim of canyon, bears NE. and SW.; descend rocky
slope, 100 ft. to

68.20 Bottom of canyon, drains SW.; ascend rocky slope, 110 ft.

75.00 Right rim of canyon, bears NE. and SW.

80.20 The cor. of secs. 7, 8, 17 and 18.

Land, rolling and broken mesa top.

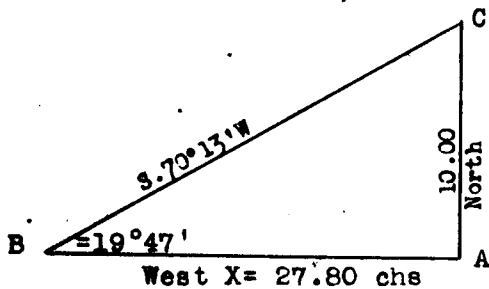
Soil, sandy loam and rocky; 2nd to 4th rates.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered cedar and pinon.

West, on random line bet. secs. 7 and 18.

Set temp. W.C. $\frac{1}{4}$ sec. cor. on E. rim of box canyon across which it is impracticable to chain, therefore triangulate across same as follows: Erect flag "A" at this point, set flag "B" on line on opposite rim of canyon, then from "A" measure a base line North, 10 chs. dist. to point whence "B" bears S. $70^{\circ}13'W$. From "B" the base "AC" subtends angle of $19^{\circ}47'$.



Triangulation distance = 27.80 chs.
Previous distance = 39.44 "

- 67.24 To point of triangulation on W. rim of canyon.
- 77.85 Intersect W. bdy. of tp., 11 lks. S. of the cor. of secs. 7, 12, 13 and 18, heretofore described.
- Thence,
S. $89^{\circ}55'$ E., on true line bet. secs. 7 and 18.
- Over rolling mesa top through medium undergrowth and scattered timber.
- 10.61 To point of triangulation on W. rim of box canyon, rimmed with vertical sandstone ledges, bears NW. and SE. Thence by triangulation across canyon.
- 28.00 (approximate) Bottom of box canyon, 250 ft. deep, drains NW.
- 37.85 True point for $\frac{1}{4}$ sec. cor., falls on abrupt W. canyon slope where cor. cannot be set.
- 38.41 To point of triangulation on E. rim of canyon, bears N. and S., at which point,
Set an iron post, 3 ft. long, 1 in. dia., over cross (X) cut into sandstone surface rock, 30 ins. in a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

Subdivision of T. 42 S., R. 12 E.

Chains

W $\frac{1}{4}$ S7
C $\frac{1}{4}$ S18
1925.

from which

A pinon, 4 ins.diam., bears N.80°E., 98 lks.
dist., marked WC $\frac{1}{4}$ S7 BT
A juniper, 5 ins.diam., bears S.20°E., 68 lks.
dist., marked WC $\frac{1}{4}$ S18 BT

Gradually ascend to

55.65 Rim 115 ft. high facing W., bears NW. and S.; thence
over rolling top of mesa.

77.85 The cor. of secs. 7, 8, 17 and 18.

Land, rolling and broken; general NW. exposure and
drainage.

Soil, rocky and sandy loam; 3rd and 4th rates.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered juniper and pinon.

N. 0° 03' W., bet. secs. 7 and 8.

Over rolling top of mesa through scattered undergrowth
and timber.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S7 | S8
1925

from which

A juniper, 4 ins.diam., bears N.84 $\frac{1}{2}$ °E., 190 lks.
dist., marked $\frac{1}{4}$ S8 BT
A juniper, 8 ins.diam., bears S.4 $\frac{1}{2}$ °W., 250 lks.
dist., marked $\frac{1}{4}$ S7 BT

56.00 Small draw, 20 ft. deep, drains W.

77.00 Wash, 2 ft. deep, 20 lks. wide; drains SW.

80.00 Cut cross (X) into sandstone surface rock, over which;
Set an iron post, 3 ft. long, 2 ins., dia., 50 ins. in
a mound of stone, for cor. of secs. 5, 6, 7 and 8,
with brass cap marked

T42S | R12E
S6 | S5
S7 | S8

1925

Subdivision of T. 42 S., R. 12 E.

from which

- A juniper, 6 ins.diam., bears N.32°E., 158 lks.
dist., marked T42S R12E S5 BT
A juniper, 4 ins.diam., bears S.35 $\frac{1}{4}$ °E., 63 lks.
dist., marked T42S R12E S8 BT
A juniper, 4 ins.diam., bears S.71 $\frac{1}{2}$ °W., 150 lks.
dist., marked T42S R12E S7 BT
A juniper, 4 ins.diam., bears N.37 $\frac{1}{2}$ °W., 70 lks.
dist., marked T42S R12E S6 BT

Land, rolling top of Piute Mesa.

Soil, sandy loam and rocky; 3rd rate.

Undergrowth, sagebrush, black brush and mountain rush.

Timber, scattered scrub juniper and pinon.

East, on random line bet. secs. 5 and 8.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line, 9 lks. S. of the cor. of secs.
4, 5, 8 and 9.

Thence,

S. 89°56' W., on true line bet. secs. 5 and 8.

Over rolling top of mesa through scattered undergrowth
and timber.

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in
a mound of stone, over cross (X) cut into sandstone
surface rock, for $\frac{1}{4}$ sec. cor., with brass cap marked

S5
 $\frac{1}{4}$
S8
1925

from which

- A juniper, 5 ins.diam., bears N.1°W., 120 lks.
dist., marked $\frac{1}{4}$ S5 BT
A juniper, 6 ins.diam., bears S.7°E., 150 lks.
dist., marked $\frac{1}{4}$ S8 BT

Wash, 30 lks. wide, 2 ft. deep, drains SW.

The cor. of secs. 5, 6, 7 and 8.

Land, rolling top of mesa.

Soil, sandy loam and rocky; 3rd rate.

Undergrowth, sagebrush and black brush.

Timber, scrub juniper and pinon.

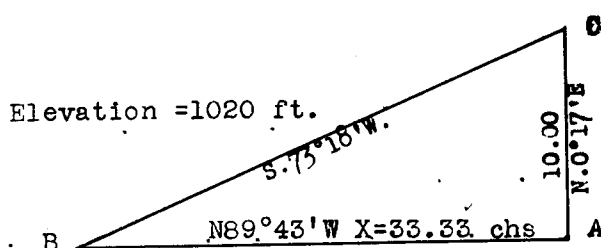
Subdivision of T. 42 S., R. 12 E.

Chains

N. $89^{\circ}55'$ W., on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

44.42 W. rim of Piute Mesa down which I cannot chain, therefore triangulate as follows: Designate this point "A" and the cor. of secs. 1, 6, 7 and 12 on W. bdy. of tp., which is visible and bears N. $89^{\circ}43'$ W, "B", then measure a base line "AC" N. $0^{\circ}17'$ E 10.00 chs. dist. to point whence "B" bears S. $73^{\circ}18'$ W. Vertical angle "AB" = $-24^{\circ}52'$.



Triangulation distance = 33.33 chs.
Previous distance = 44.42

77.75 Intersect W. bdy. of tp., 12 lks. S. of the cor. of

secs. 1, 6, 7, and 12, heretofore described.

Thence S. $89^{\circ}50'$ E., on true line bet. secs. 6 and 7.

By triangulation; over broken land and W. breaks of Piute Mesa through scattered undergrowth.

18.00 (approximate) Draw, drains N.; thence abrupt ascent up W. breaks of mesa.

33.33 To point of triangulation on W. rim of Piute Mesa, 1020 ft. above sec. cor., bears NE. and SW.; thence over broken top of mesa through scattered timber.

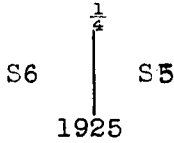
37.75 Cut cross (X) into sandstone surface rock, over which Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S6
 $\frac{1}{4}$ S7
1925

No suitable trees within limits for bearing trees.

Descend along N. and NE. slopes, 50 ft. to

Subdivision of T. 42 S., R. 12 E.

Chains	
45.70	Bottom of canyon, drains NW.; ascend 145 ft. to
53.50	E. rim of canyon, bears NW. and SE.; thence over rolling
	mesa top.
77.75	The cor. of secs. 5, 6, 7 and 8.
	Land, rough, broken, and rolling.
	Soil, rocky, sandy loam and clay; 4th rate.
	Undergrowth, black brush, sagebrush and mountain rush.
	Timber, scattered juniper and pinon on mesa top.
	N. 0°11' W., on random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor..
80.18	Intersect N. bdy. of tp., 30 lks. W. of the cor. of secs.
	5, 6, 31 and 32, heretofere described.
	Thence,
	S. 0°02' W., on true line bet. secs. 5 and 6.
	Over rolling and broken top of mesa, through scattered
	timber and undergrowth.
1.20	N. rim of canyon, bears NE. and SW.
5.90	Bottom of canyon, 125 ft. deep, drains SW.
9.30	S. rim of canyon, bears NE. and SW.
22.00	Draw, 20 ft. deep, drains SW.; a small seep is located
	in head of draw, NE. about 7 chs. dist.
40.18	Cut cross (X) into sandstone surface rock, over which,
	Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in
	a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
	marked
	<div style="text-align: center;"> $\frac{1}{4}$  1925 </div>
	from which
	A pinon, 3 ins.diam., bears S. 4 $\frac{1}{2}$ ° E., 517 lks.
	dist., marked BT (scrubby)
	A juniper, 3 ins.diam., bears S. 53 $\frac{3}{4}$ ° W., 100 lks.
	dist., marked BT (scrubby)
80.18	The cor. of secs. 5, 6, 7 and 8.
	Land, rolling and broken top of Piute Mesa.
	Soil, rocky with shallow sandy loam; 3rd rate.

Subdivision of T. 42 S., R. 12 E.

Undergrowth, sagebrush, black brush and mountain rush.
Timber, scattered scrub juniper and pinon.

Boundaries of T. 42 S., R. 12 E.

Latitudes, departures, and closing errors.

Line Designated	True bearing	Distance Chs.	Latitudes		Departure	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
E. bdy. of tp.	North	480.07	480.07			
N. bdy of tp.	West	477.82				477.
W. bdy. of tp.	South	480.03		480.03		
S. bdy. of tp.	East	478.27			478.27	
Convergency						
Totals -----			480.07	480.03	478.27	478.
			480.03			478.
Error in lat. and dep. ----			0.04			0.

General Description.

The land embraced within this township consists mainly of rolling mesa tops and rough, broken slopes and benches. A portion of No Man's Land (mesa) extends into the eastern part of the township, and a portion of Piute Mesa, extends through the western part of township. The land lying between these two mesas is rough and broken, sloping from the base of mesas to Nokai Canyon, which drains northerly through the center of township. The rims of the mesas are from 500 to 700 ft. in height, with nearly vertical sandstone walls. The bottom of Nokai Canyon is from 1500 to 2000 ft. below the top of mesas.

The soil is principally a light, shallow, loose sandy and rocky loam, lying on sandstone bedrock, mixed with blue clay, on the rough and broken lands, while on mesa tops it is generally a firm sandy, and sandy clay, mixed with scattered rock, on sandstone bedrock; can all be classed from 2nd to 4th rates.

General Description of T. 42 S., R. 12 E.

The mesa tops are covered with a medium growth of sagebrush, mountain rush, black brush, amole plant (or oose), and native grass, with a scattered growth of scrub juniper and pinon pine; while on the lands lying under the mesas the undergrowth is more scattered and is void of timber. The mesa tops afford fairly good grazing during the winter months.

The top of No Man's Land is inaccessible to stock, and only accessible to man, with ordinary means, at one place, in the NW $\frac{1}{4}$ of SW $\frac{1}{4}$ sec. 13, of this tp., where we found an old trail leading to the top, with steps cut into the solid sandstone wall, of probably Moqui or Aztec origin. At the base of this ledge and trail are indian hieroglyphics.

In the SW $\frac{1}{4}$ of sec. 9 there is a trail for stock to top of Piute Mesa, this is the only place within this tp. by which the east rim of mesa is accessible to stock.

Small seep springs of fair water are located as follows:

SW $\frac{1}{4}$ of SE $\frac{1}{4}$ sec. 23; NW $\frac{1}{4}$ of NE $\frac{1}{4}$ sec. 11; NW $\frac{1}{4}$ of NE $\frac{1}{4}$ sec. 5; and NW $\frac{1}{4}$ of SW $\frac{1}{4}$ and SW $\frac{1}{4}$ of NW $\frac{1}{4}$ sec. 6.

There are no settlers living within this township.

There are several indian hogans and brush corrals on top of Piute Mesa, which are used by the indians from time to time.

We found no indications of mineral, oil, oil-shale or coal within the township.

A.N.

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BOOK A-486

4-680

FIELD ASSISTANTS.

NAMES.

CAPACITY.

Sidney R. Reese

Chairman

Chas. Sleeper

Chairman

Kimball D. Williams

Chairman

Henry Snyder

Chairman

Joe Hunt

Flagman

Frank Wyatt

Cornerman.

**CERTIFICATE OF UNITED STATES SURVEYOR
AND TRANSITMAN.**

We, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in
and Edie S.C. Smith, U.S. Transitman
of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 24th day of September, 1923, we have well, faithfully, and
in ~~our~~ own proper persons, and in strict conformity with said instructions, the Manual of Surveying In-
structions, and the laws of the United States, surveyed all those parts or portions of north, south,
and west boundaries, and subdivision of T. 42 S., R. 12 E.

of the Salt Lake
Base and Meridian, in the State of Utah, which are represented
on dates as shown on date of
the foregoing field notes as having been executed by ~~us~~, and under ~~our~~ direction, and that all the corners
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

survey.
Certified to, at Flagstaff, Arizona March 23 1926 Chas. V. Moore U.S. Surveyor
Certified to at Salt Lake City, Ut. Feb. 16, 1926. Edw. J. Gifford U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES ~~Supervisor of Surveys~~
~~Surveyor General~~

November 2, 1927

The foregoing field notes of the survey of the north, south and west boundaries,
and subdivision of T. 42 S., R. 12 E., S. L. B. & M.,

executed by Chas. F. Moore, U. S. Surveyor, and Edie S. C. Smith, U. S. Transitman
under ~~the~~ special instructions dated September 24, 1923, 191 , having
critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
they describe, are hereby approved.

~~U. S. Supervisor of Surveys.~~ ~~U. S. Surveyor Gen.~~

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-486

FIELD NOTES

OF THE ~~SURVEY OF THE~~
RETRACEMENT AND

RESURVEY OF THE UTAH - ARIZONA

BOUNDARY LINE BETWEEN THE

189 AND 195.2 MILE

CORNERS:

AND

SURVEY OF WEST BOUNDARY,

AND SUBDIVISION

OF

T. 43 S., R. 12 E.,

Of the SALT LAKE BASE AND Meridian,

State of UTAH

EXECUTED BY

CHAS. F. MOORE, U.S. SURVEYOR

EDIE S.C. SMITH, U. S. TRANSITMAN

~~Capacity of U.S. Surveyor~~, under instructions dated September 24, 1923

by the United States Surveyor General to govern surveys included in

No. 154, which were approved by the Commissioner of the General Land

Assignment instructions dated Sept. 27,

October 12, 1923, pursuant to authority contained in the Act of

April 1, 1925

~~as dated~~ 191xx

Notes completed Feb. 17, 1926

Survey commenced May 17th, 1925

Survey completed June 14th, 1925

BOOK A-486

INDEX DIAGRAM.

Township 43 SOUTH, Range 12 EAST

15	6	74	5	59	4	47	3	35	2	22	1
	76		75		60		49		36		23
16	7	77	8	62	9	50	10	37	11	24	12
	79		78		63		51		38		25
17	18	80	17	64	16	52	15	39	14	27	13
	82		81		66		53		40		28
18	19	83	20	67	21	54	22	42	23	29	24
	85		84		68		54		43		30
19	30	86	29	69	28	55	27	44	26	31	25
	88		87		71		57		45		33
21	31	89	32	73	33	58	34	46	35	33	36
	6		7		8		9		11		13

DATE DIAGRAM

T. 43 S., R. 13 E.

GROUP 15.4

UTAH

6	5	4	3	2	1
5/21/25	5/21/25	5/21/25	6/7/25	6/2/25	6/2/25
7	8	9	10	11	12
5/21/25	5/21/25	5/21/25	6/8/25	6/8/25	6/8/25
18	17	16	15	14	13
5/21/25	5/21/25	5/21/25	6/10/25	6/9/25	6/9/25
19	20	21	22	23	24
5/26/25	5/26/25	5/26/25	6/11/25	6/11/25	6/11/25
30	29	28	27	26	25
5/27/25	5/27/25	5/27/25	6/13/25	6/12/25	6/12/25
31	32	33	34	35	36
5/27/25	5/27/25	5/27/25	6/13/25	6/12/25	6/12/25
5/24/25	5/25/25	6/5/25	6/5/25	6/5/25	6/5/25
		6/10/25	6/14/25	6/10/25	6/9/25

Lines in black run by Chas. F. Moore, U. S. Surveyor.

Lines in red run by Edie S. C. Smith, U. S. Transmitter.

Survey commenced May 17, 1925, and executed with Young and Son's transit No. 8328, used by Chas. F. Moore, U. S. surveyor, and Buff and Buff light main transit No. 8028, used by Edie S. C. Smith, U.S. transitman.

The instruments were approved for use on this survey, by the Assistant Supervisor of Surveys, for district No. 6, conditional upon satisfactory field tests, in assignment instructions, dated September 27, 1924, and suppl assignment instructions dated April 1 1925

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with double verniers, placed opposite to each other and reading to the single minutes of arc, which is also the least count of the latitude and declination verniers, and vertical circles.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during the a.m. and p.m. hours, with a meridian determined by observation made on Polaris: We proceed as follows:

May 7, 1925: At main camp, in sec. 29, T. 41 S., R. 13 E. in approximate latitude $37^{\circ} 11' N.$, longitude $110^{\circ} 34' W.$; at 4h 37.9m a.m. l.m.t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, on a stake driven in the ground, about 10 chains N. Azimuth of Polaris at eastern elongation= $1^{\circ} 22' 39''$.

I lay off the azimuth of Polaris, $1^{\circ} 23'$ to the west, and mark the point thus determined on a stake, driven firmly in the ground, about 10 chains N.

May 30, 1925: with instrument, Buff and Buff No. 8028, in the meridian

At 9:00 a.m. apparent time, I set off $37^{\circ} 12' N.$, on

latitude arc, and $21^{\circ} 46\frac{1}{4}'$ N. on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude----- $74^{\circ} 34' 56''$

Reduced latitude----- $37^{\circ} 05' 00''$

Mean watch time of obs. 12h 13m 56s p.m.

Watch fast of l.m.t.----- 19m 38s

At apparent noon, with the instrument in the meridian, and the latitude arc unchanged, I find the reading of the declination arc to be $21^{\circ} 47\frac{1}{2}'$ N., which agrees with the computed declination of the sun.

At 3:00 p.m. apparent time, with the instrument in the meridian, with the latitude arc unchanged, I set off $21^{\circ} 49'$ N. on the declination arc, and determine a meridian with the solar, which I find to agree with the true meridian.

As all of the solar observations made during the usual hours of solar work, come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

May 17, 1925: Using Young and Son's transit No. 8396,

I make an observation on Polaris at eastern elongation, at 3h 58.7m a.m., l.m.t. at my camp in sec. 8, T 43 S., R. 12 E., S.L.B and Mer., Utah; in approximate latitude $37^{\circ} 05'$ N., longitude $110^{\circ} 41'$ W.; observing Polaris two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a nail in a hub, about 10 chs. N.

I lay off the azimuth of Polaris, $1^{\circ} 22' 39''$ to the west and mark the point thus determined by a tack in

a peg, driven firmly in the ground, about 10 chs. N.
May 18, 1925:

At 9:00 a.m., l.m.t., with the instrument in the meridian,

I set off $37^{\circ}05'$ N., on the latitude arc, and $19^{\circ}33'$ N. on the declination arc and determine a meridian with the solar, which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian I make an altitude observation of the sun for time and latitude, observing simultaneously the altitude of the sun's upper limb and the transit of the sun's west limb; reversing the telescope and observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's east limb.

Mean observed altitude----- $72^{\circ} 29' 00''$

Reduced latitude----- $37^{\circ} 05' 00''$

Mean watch time of obs. 12h 15m 16s p.m.

Watch fast of local mean time----- 19m 00s

At apparent noon with the instrument in the meridian, and the latitude arc unchanged, I find the reading of the declination arc to be $19^{\circ}34'$ N., which agrees with the computed declination.

At 3:00 p.m. l.m.t., with the instrument in the meridian, and the latitude arc unchanged, I set off $19^{\circ}36'$ N. on the declination arc, and determine a meridian, with the solar, which I find agrees with the true meridian.

As all of the solar observations made during the usual hours for solar work, come within one (1) minute of the true meridian, I conclude that the instrument is in satisfactory adjustment.

Both instruments were kept in good adjustment, throughout the progress of this survey, frequent tests being made on the meridian determined by observations on Polaris.

Near the completion of the survey of this township, we make a final test of the instruments as follows;

June 15, 1925: With the instruments in the meridian established by observation made on Polaris as heretofore described, in sec. 29, T. 41 S., R. 13 E., S.L.B. and Mer., Utah

At 9:00 a.m., l.m.t., with both instruments in the meridian, we set off $37^{\circ}12'$ N. on the latitude arcs, $23^{\circ}19'$ N. on the declination arcs, and determine meridians with the solars, which we find to agree with the true meridian.

At apparent noon, with both instruments in the meridian, and the latitude arcs unchanged, we find the reading of the declination arcs to be $23^{\circ}19'$ N., which agrees with the computed declination of the sun.

At 3:00 p.m., l.m.t., with the instruments in the meridian, with the latitude arcs unchanged, we set off $23^{\circ}20'$ N. on the declination arcs, and determine meridians with the solars, which we find to agree with the true meridian.

As all of the solar observations made during the usual hours for solar work come within $1'$ of the true meridian, we conclude that the instruments are in satisfactory adjustment.

MEASUREMENTS.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes, 5 chains in length, compared with a Lufkin standard steel tape, 1 chain in length, and found to be correct.

The measurements are made on the slope, the vertical angles determined, and the slope measurements properly reduced to true horizontal distances.

RETRACEMENT AND RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Retracement and
Resurvey of the Utah- Arizona State Boundary Line.

Chains

From the 189th mile post, on the Utah-Arizona State Boundary Line, which is a sandstone, 16x10x6 ins. above the ground, firmly set, marked and witnessed as described in the official record of the survey of the Utah-Arizona State Boundary line.

East, on a retracement line, along the 190th mile of the Utah-Arizona State Boundary line.

79.62 Fall 9 lks. S. of the 190th mile post, which is an iron post, 2 ins. in diam., 2 ft. above the ground, firmly set, marked and witnessed as described in the official record of the survey of the Utah-Arizona State Boundary line.

From this 190th mile post I scribe on

A juniper, 8 ins. in diam., bears N. $34\frac{1}{2}^{\circ}$ E.,
182 lks. dist., UTAH 190M BT.

A juniper, 8 ins. in diam., bears S. $15\frac{1}{2}^{\circ}$ W.,
303 lks. dist., ARIZ 190M BT.

The bearing of this mile therefore is N. $89^{\circ}56'E.$,
and the distance is 79.62 chains.

Thence

From the 189th mile post

N. $89^{\circ}56'E.$, along a resurvey line, along the 190th
mile of the Utah-Arizona State Boundary line.

Over rolling top of Piute Mesa, thru medium timber and
undergrowth.

14.83 Point for closing cor. of T. 43 S., Rs. 11 and 12 E.
5.33 old road, bears NE. and SW.

26.74 In rolling land, bearing of 40.00 chains from the
closing corner of secs. 31 and 32.

Set an iron post, 3 ft. long, 1 in. i diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor. of sec. 31 only,
with brass cap marked

$\frac{1}{4}$ S 31

1925

from which

A Juniper, 8 ins. in diam., bears N. $86^{\circ}3/4^{\circ}$ E.,
358 lks. dist., marked $\frac{1}{4}$ S 31 B T.

RETRACEMENT AND

RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

A juniper, 6 ins. in diam., bears N. $81\frac{1}{2}^{\circ}$ W., 270
lks. dist., marked $\frac{1}{4}$ S 31 B T.

Continue over rolling top of mesa.

Trail bears NE. and SW.

The 190th mile post.

Land, rolling top of Piute Mesa; general drainage NE.

Soil, sandy loam, sand and rock; 3rd and 4th rate.

Timber, juniper and pinon pine.

Undergrowth, sagebrush, black brush, buck brush, grass,
mountain rush and amole plant.

Good grazing for this section of the state.

East, on a retracement line, along the 191st mile of
the Utah-Arizona State Boundary line.

Fall 21 lks. S. of the 191st mile post, which is an iron post,
2 ins. diam., 3 ft. above the ground, firmly set, marked
and witnessed as described in the official record of
the survey of the Utah-Arizona State Boundary line.
The bearing of this mile therefore is, N. $89^{\circ} 51'$ E.,
and the distance is 70.52 chains.

Thence

From the 190th mile post.

N. $89^{\circ} 51'$ E., on a resurvey line, along the 191st
mile of the Utah-Arizona State Boundary line.

Over rolling top of mesa, thru medium timber and
undergrowth.

Trail, bears NW. and SE.

Point for the closing cor. of secs. 31 and 32, herein-
after described.

Trail, bears NE. and SW.

On rolling land; point midway between the closing cor. of
secs. 31 and 32, and the closing cor. of secs. 32 and 33.

Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground, and in a large mound of stone, for the
 $\frac{1}{4}$ sec. cor. of sec. 32 only, with brass cap marked

RETRACEMENT AND

RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Chains

$\frac{1}{4}$ S 32

1925

from which

A juniper, 10 ins. in diam., bears N. 67° E.,

45 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A juniper, 3 ins. in diam., bears N. $29\frac{1}{4}^{\circ}$ W.,

90 lks. dist., marked $\frac{1}{4}$ S 32 B T.

Continue over rolling top of mesa.

79.52

The 191st mile post.

Land, rolling top of Piute Mesa; general drainage NW.

Soil, sandy loam, sand and rock; 3rd and 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush, buck brush,
mountain rush, grass and amole plant.

Fair grazing.

East, on a retracement line, along the 192nd mile of the
Utah-Arizona State Boundary line.

79.94

Intersect the 192nd mile post, which is a sandstone,
33x12x6 ins., firmly set in a mound of stone, marked
and witnessed as described in the official record of
the survey of the Utah-Arizona State Boundary line.
I take new bearing trees for the 192nd mile post, as
follows:

A pinon pine, 6 ins. in diam., bears S. $3\frac{3}{4}^{\circ}$ E.,

40 lks. dist., marked ARIZ 192M BT.

A pinon pine, 3 ins. in diam., bears N. $5\frac{1}{2}^{\circ}$ W.,

33 lks. dist., marked UTAH 192M BT.

Thence from the 191st mile post

East, on a resurvey line, along the 192nd mile of the
Utah- Arizona Boundary line.

Over rolling top of Piute Mesa, thru medium timber and
undergrowth.

14.66

Point for the closing corner of secs. 32 and 33; here-

inafter described.

Top of rim ledge, bears N. and S. (50 ft. high)

Shallow draw, 20 lks. wide, course NW.

On rolling land, at a point midway, bet. the closing
cors. of secs. 32 and 33, and 33 and 34.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor. of sec. 33 only,
with brass cap marked

1 S 33

1925

from which

A pinon pine, 10 ins. in diam., bears N. $82\frac{1}{4}^{\circ}$ E.,
17 lks. dist., marked BT. Too gnarled for further
marking

A pinon pine, 3 ins. in diam., bears N. $64\frac{1}{2}^{\circ}$ W.,
34 lks. dist., marked BT.

Continue over rolling top of mesa.

- 79.94 The 192nd mile post, on rim Piute Mesa, bears N. and S.
Land, rolling top of Piute Mesa; general drainage NE.
Soil, sandy loam, sand and rock; 3rd and 4th rate.
Timber, pinon pine and juniper.
Undergrowth, sagebrush, mountain rush and black brush.
Fair grazing.

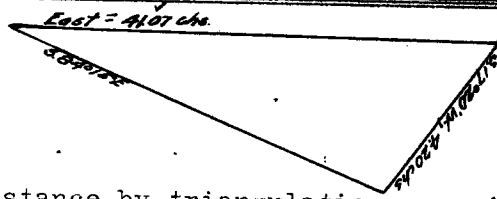
East, on a retracement line, along the 193rd mile of the
Utah-Arizona State Boundary line.

As it is impossible to chain East, from this point, because
of inaccessible rim of Piute Mesa, 500 ft. high, there-
for I triangulate as follows: Vertical angle to flag on
retracement line $= -20^{\circ}24'$ = 1025 ft.; auxiliary flag, bears
 $S. 84^{\circ}15' E.$; from flag on retracement line, auxiliary flag
bears $S. 17^{\circ}20' W.$, 4.20 lks. dist.; longer base impract-
icable; all bearings checked by direct reading of the
solar and all angles checked by deflection:

RETRACEMENT AND

RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Chains



Distance by triangulation-----41.07 chs.

Distance by return measurement26.61.

14.46 chs. ✓

14.46 Point for the closing cor. of secs. 33 and 34.

41.07 Triangulation point.

79.76 Intersect the 193rd mile post, which is an iron post, 2 ins. in diam., 2 ft. above the ground, firmly set marked and witnessed as described in the official record of the survey of the Utah-Arizona State Boundary line.

The true bearing of this mile is therefore East, and the distance is 79.76 chs.

Thence from the 192nd mile post

East, on a resurvey line, along the 193rd mile of the Utah-Arizona State Boundary line.

Over rough and broken land, on the west slope of Nokai Canon, thru scattered undergrowth; desc. 800 ft. over E. rim of Little Mesa; approximately 600 ft. perpendicular wall.

14.46 Point for the closing cor. of secs. 33 and 34; hereinafter described; continue desc. 165 ft. to.

41.07 Triangulation point; enter scattered timber and continue over gentle broken s. slope.

34.00 On rolling s. slope; point midway between the closing cor. of secs. 33 and 34 and the closing cor. of secs. 34 and 35.

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sect. cor. of sec. 34 only, with brass cap marked

$\frac{1}{4}$ S 34

1925

No other accessories available.

RETRACEMENT AND RESURVEY OF THE UTAH-ARIZONA BOUNDARY LINE.

Mileage

Continue over rolling and broken E. slope.

75.75 Trail, bears NE. and SW.

75.00 Shallow draw, course NE.

79.75 The 193rd mile post.

Land, rough, broken and rolling; general drainage NE.
Soil, sandy clay, rock, sand, surface rock and clay;
4th rate.

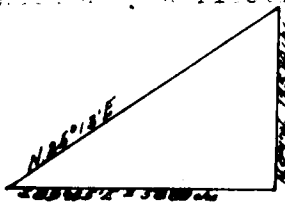
Timber, juniper and pinon pine.

Undergrowth, sagebrush, and mountain ranch.

Fair grazing on rolling land.

East, on a retracement line, along the 194th mile of the
Utah-Arizona State Boundary line.

36.08 Triangulation point, on the west rim of Mohai Canon,
bears NE. and SW. In order to obtain a true line over
Mohai canon, and in order to be sufficiently high, I
triangulate. Follows: Vertical angle at station at
the point for the line to be run. Distance to point, =
-6° 08' = 415 ft., distance to point, 1° 45' E.;
auxiliary line bears N. 89° 15' E.; distance to point at
the point for the line to be run. Distance to point, =
auxiliary line bears N. 0° 1' W., 145.00 dist. 145.00;
all bearings checked by direct measurement of the solar
and all angles checked by deflection:



Distance by triangulation-----58.38 chs.

Distance by return measurement-----1.14

57.74 chs

Distance on retracement line-----36.08

93.82 At this point on retracement line, falls 29 lbs. N. of the
194.166 mile post, which is an iron post, 2 in. diam.,
3 ft. above the ground, properly marked and witnessed
as described in the official record of the survey of

**CONTINUED RE
RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY**

Chains	
	the Utah-Arizona State Boundary line. miling 00
	Therefore the true bearing of this line is $S. 89^{\circ}49' E.$
	and the distance is 93.82 chs. miling 00
	Thence from the 193rd mile post. miling 00
	$S. 89^{\circ}49' E.$, on a resurvey line, along the 194th mile
	of the Utah-Arizona State Boundary line.
	Over rough and broken land, thru scattered timber and
	medium undergrowth.
0.35	Trail, bears N. and S.
14.90	Point for the closing cor. of secs. 34 and 35 Herein-
	after described.
24.20	West rim of box canon, bears NE. and SW.
27.30	Bottom of box canon, 150 ft. deep, course NE.
29.20	East rim of box canon, bears NE. and SW.
36.08	Triangulation point on the top rim of Nokai Canon, bears
	NE. and SW.; desc. 235 ft. over cliffs and ledges
	facing SE.
45.00	Draw, course NE.; asc. 25 ft. over broken N. slope to
54.93	On broken N. slope; midway bet. the closing cors. of
	secs. 34 and 35, and 35 and 36.
	Set an iron post, 3 ft. long, 1 in. in diam., over a
	cross, X, chiseled in the solid sandstone surface rock
	for the $\frac{1}{4}$ sec. cor. of sec. 35 only, with brass cap
	marked
	<u>$\frac{1}{4}$ S 35</u>
	1925
	No other accessories available.
	Thence giving approximate distances to items of topogr
	as further chaining becomes impracticable.
66.00	Sandstone spur projection, projects NE.
80.00	Bottom of Nokai Canon, which is a box canon, 3 chs. wide
	at the top, and 50 lks. wide at bottom, and about 20

RETRACEMENT AND
GHA THEMEOASTER

UTAH-ARIZONA STATE BOUNDARY LINE.

From the 194.166 mile post, sandstone projections from the top rim of canon making chaining impracticable, I offset as follows:
154 deep; asc. about 300 ft. to
The 194.166 mile post.

Land, rough and broken; general drainage E. and W. into
Hokai Canon, which drains N.

Soil, sandstone surface rock, sand and sandy clay, 4th
rate.

Timber, juniper and pinon pine.

Undergrowth, sagebrush, black brush, mountain rush, and
amole plant. Poor grazing.

East on a retracement line, along the 195th mile of the
Utah-Arizona State Boundary line.

From the 194.166 mile post, sandstone projections from
the top rim of canon making chaining impracticable,
I offset as follows:

North 7.40 chs., thence

East 41.19 chs., thence

South 7.40 chs. to

Point midway between the closing corners of Secs. 35 and
36 and Secs. 31 and 36 on random line. Thence by off-
set

North 7.40 chs., thence

East 38.05 chs., thence

South 7.40 chs. to

Point on retracement line.

Fall 6 lks. S. of the 195.2 mile post, which is a sand-
stone 12 x 10 x 6 ins. above ground, firmly set,

marked and witnessed as described in the official
record of the survey of the Utah-Arizona State Bounda-
ry line.

The true bearing of the mile is therefore N. 89° 57' E.

and the distance is 81.74 chs.

Thence from the 194.166 mile post,

RESURVEY OF THE UTAH-ARIZONA STATE BOUNDARY

Chains. N. 39° 57' E. on a resurvey line, along the 195.2 mile post of the Utah-Arizona State Boundary line.

Over rough and broken land; through scattered undergrowth. Offset as follows:

North 7.40 chs.

Thence east. At 1.14 chs. point for closing cor. for Secs. 35 and 36 bears S. 0° 01' E. 7.40 chs. At 4.65 chs. rim 100 ft. high bears NW. and SE.. At 18.00 chs. same rim bears NE. and SW.; At 22.80 chs. same rim bears NW. and SE.

Thence South 7.37 chs. At 5.90 chs. on this course, rim bears E. and W., to

41.13 On broken S. slope on resurvey line at point midway between the closing cor. of Secs. 35 and 36 and the closing cor. of T. 43 S. Rs. 12 and 13 E.

Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground and in a large mound of stones, for $\frac{1}{4}$ sec. cor. of Secs. 35 only, with brass cap marked

A S 35

1925

I deposit a sandstone 6 x 6 x 4 ins. marked with a cross (X) at the base of the monument. No other accessories available.

Thence return to offset line as follows:

North 7.37 chs., thence

East 36.05 chs. At 20.00 chs. on this course wash 20 fms. wide, 3 ft. deep, course SW.; thence

South 7.32 chs. to

79.24 Point on resurvey line, on edge of rim bears NW. and SE.

81.24 The closing cor. of T. 43 S. Rs. 12 and 13 E. described in notes of T. 43 S. R. 13 E. Group 153.

81.74 The 195.2 mile post.

Land, rough and broken; general drainage S. Soil surface sandstone and sandy rocky clay; 4th. rate timber, scattered pinon pine and juniper on mesa above. Undergrowth, sparse black brush, mountain rush, and plant. Poor grazing.

W. 12 E.

From the cor. of Ts. 42 and 43 S., Rs. 11 and 12 E.,
which is an iron post, 3 ins. in diam., properly set,
marked and witnessed as described in the final
official returns of T. 42 S., R. 12 E., Group 154,
Utah.

South, bet. secs. 1 and 6.

Over rolling land, thru heavy timber, and medium under-
growth

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the sec. cor., with brass cap
marked

	↑	
S	1	S 6
1925		

from which

A pinon pine, 6 ins. in diam., bears N. $49\frac{3}{4}^{\circ}$ E.,
56 lks. dist., marked $\frac{1}{2}$ S 6 B T.

A pinon pine, 6 ins. in diam., bears S. $35\frac{1}{2}^{\circ}$ W.,
24 lks. dist., marked $\frac{1}{4}$ S 1 B T.

Continue over rolling land.

In head of rocky draw, course NE.

Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins.
in the ground, in solid rock, and in a large mound of
stone, for the cor. of secs. 1, 6, 7 and 12, with
brass cap marked

T 43 S			
R 11 E		R 12 E	
S	1	S	6
S	12	S	7
1925			

from which

A juniper, 3 ins. in diam., bears N. $56\frac{3}{4}^{\circ}$ E.,
86 lks. dist., marked T 43 S R 12 E S 6 B T.

A pinon pine, 3 ins. in diam., bears S. $29\frac{1}{2}^{\circ}$ E.,
70 lks. dist., marked B T.

WEST BOUNDARY OF T. 43 S., R. 12 E.

Chains

A juniper, 8 ins. in diam., bears S. $77\frac{3}{4}^{\circ}$ W.,

41 lks. dist., marked T 43 S R 11 E S 12 B T.

A pinon pine, 6 ins. in diam., bears N. 67° W.,

41 lks. dist., marked T 43 S R 11 E S 1 B T.

Land, rolling top of Piute Mesa; general drainage NE.

Soil, sandy loam; 3rd rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and buck brush.

Fair grazing.

South bet. secs. 7 and 12.

Over rolling top of Piute mesa, thru medium timber
and undergrowth.

41.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
S 12 | S 7
1925

from which

A pinon pine, 6 ins. in diam., bears N. 13° E.,

48 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 8 ins. in diam., bears S. 32° W.,

90 lks. dist., marked $\frac{1}{4}$ S 12 B T.

Continue over rolling land.

80.00 On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., over
a cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the cor. of
secs. 7, 12, 13 and 18, with brass cap marked

T 43 S
R 11 E R 12 E
S 12 | S 7
S 13 | S 18
1925

from which

A pinon pine, 3 ins. in diam., bears N. $46\frac{1}{2}^{\circ}$ E.,
97 lks. dist., marked B T.

A pinon pine, 3 ins. in diam., bears S. $28\frac{1}{2}^{\circ}$ E.,
28 lks. dist., marked B T.

A pinon pine, 3 ins. in diam., bears S. $39\frac{1}{4}^{\circ}$ W.,
138 lks. dist., marked B T.

A pinon pine, 3 ins. in diam., bears N. 35° W.,
28 lks. dist., marked B T.

Larger bearing trees not available.

Land, rolling top of Piute Mesa; general drainage NE.

Soil, sandy clay, and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and buck brush.

Fair grazing.

South, bet. secs. 13 and 18.

Over rolling land, thru heavy timber and medium under-
growth.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over a
cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the $\frac{1}{4}$ sec.
cor., with brass cap marked

$\frac{1}{4}$
 S 13 | S 18
 1925

from which

A juniper, 8 ins. in diam., bears N. $43\frac{3}{4}^{\circ}$ E.,
3 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A juniper, 5 ins. in diam., bears S. $25\frac{3}{4}^{\circ}$ W.,
37 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Continue over rolling land.

Rim of draw, bears NW. and SE. Desc. 50 ft.

Head of rocky draw, course NW.; continue over rolling

WEST BOUNDARY OF T. 43 S., R. 12 E.

Chains

land

80.00

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 13, 18, 19 and 24, with brass cap marked

T 43 S
R 11 E R 12 E

S 13	S 18
S 24	S 19

1925

from which

A pinon pine, 10 ins. in diam., bears N. 56° E.,
31 lks., dist., marked T 43 S R 12 E S 18 B T.

A pinon pine, 8 ins. in diam., bears S. 74° E.,
11 lks. dist., marked T 43 S R 12 E S 19 B T.

A pinon pine, 8 ins. in diam., bears S. 42 3/4° W.,
40 lks. dist., marked T 43 S R 11 E S 24 B T.

A pinon pine, 6 ins. in diam., bears N. 71 1/4° W.,
60 lks. dist., marked T 43 S R 11 E S 13 B T.

Land, rolling top of Piute Mesa; general drainage NW.

Soil, sandy clay and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and buck brush.

Poor grazing.

South, bet. sec. 19 and 24.

Over rolling land, thru medium timber and scattered undergrowth. Asc. 35 ft.

1.50

Rim of draw, bears NW. and SE.; continue over rolling land.

40.00

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground for the 1/4 sec. cor., with brass cap marked

$\frac{1}{4}$
 S 24 | S 19
 1925

from which

A pinon pine, 10 ins. in diam., bears N. 57° E.,
 13 lks. dist., marked $\frac{1}{4}$ S 19 B T

A pinon pine, 6 ins. in diam., bears S. $78\frac{1}{2}^{\circ}$ W.,
 60 lks. dist., marked $\frac{1}{4}$ S 24 B T.,

Continue over rolling land

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
 in the ground, for the cor. of secs. 19, 24, 25 and
 30, with brass cap marked

T 43 S
 R 11 E | R 12 E
 S 24 | S 19
 S 25 | S 30

1925

from which

A juniper, 6 ins. in diam., bears N. $52\frac{3}{4}^{\circ}$ E.,
 47 lks. dist., marked T 43 S R 12 E S 19 B T.

A pinon pine, 6 ins. in diam., bears S. $39\frac{1}{2}^{\circ}$ E.,
 78 lks. dist., marked T 43 S R 12 E S 30 B T.

A pinon pine, 8 ins. in diam., bears S. $47\frac{1}{2}^{\circ}$ W.,
 77 lks. dist., marked T 43 S R 11 E S 25 B T.

A pinon pine, 8 ins. in diam., bears N. 45° W.,
 120 lks. dist., marked T 43 S R 11 E S 24 B T.

Land, rolling top of Piute Mesa. General drainage W.
 Soil, sandy clay; 3rd and 4th rate.

Timber, pinon pine and juniper

Undergrowth, black brush, mountain rush, sage brush
 and grass.

Fair grazing.

South, bet. secs. 25 and 30.

Over rolling land, thru medium timber and scattered

WEST BOUNDARY OF T. 43 S., R. 12 E.

Chains

and

undergrowth.

40.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 25 | S 30
 1925

from which

A pinon pine, 5 ins. in diam., bears S. $67\frac{1}{2}^{\circ}$ E.,

11 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A pinon pine, 1 ins. in diam., bears S. 31° W.,

110 lks. dist., marked $\frac{1}{4}$ S 25 B T.

Continue over rolling land

41.00 Top of low ridge, bears E. and W.

40.00 On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 25, 30, 31 and 36, with brass cap marked

T 43 S
 R 11 E R 12 E
 S 25 | S 30
 S 36 | S 31
 1925

from which

A pinon pine, 8 ins. in diam., bears N. 41° E.,

83 lks. dist., marked T 43 S R 12 E S 30 B T.

A pinon pine, 6 ins. in diam., bears S. $44\frac{1}{2}^{\circ}$ E.,

83 lks. dist., marked T 43 S R 12 E S 31 B T.

A pinon pine, 6 ins. in diam., bears S. 27° W.,

77 lks. dist., marked T 43 S R 11 E S 36 B T.

A pinon pine, 18 ins. in diam., bears N. $63\frac{1}{2}^{\circ}$ W.,

22 lks. dist., marked T 43 S R 11 E S 25 B T.

Land, rolling top of Piute Mesa; general drainage W.

Soil, sandy clay, and surface rock; 4th rate.

WEST BOUNDARY OF T. 43 S., R. 12 E.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush, sagebrush, and amole.

Fair grazing.

South, bet. secs. 31 and 36.

Over rolling land, thru heavy timber, and scattered undergrowth.

30.00 Trail, bears NE. and SW.

40.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 36 | S 31
 1925

from which

A pinon pine, 6 ins. in diam., bears S. $43\frac{3}{4}^{\circ}$ E.,
141 lks. dist., marked $\frac{1}{4}$ S 31 B T.

A pinon pine, 8 ins. in diam., bears S. $11\frac{1}{4}^{\circ}$ W.,
172 lks. dist., marked $\frac{1}{4}$ S 36 B T.

Continue over rolling land.

49.85 Intersect Utah-Arizona Boundary line, N. $89^{\circ} 56'$ E.,
14.83 chs. dist. from the 189th mile post, herein-
before described. At point of intersection

Set an iron post, 3 ft. long, 3 ins. in diam., over
a cross, X, chiseled in the solid sandstone surface
rock, for the closing cor. of T 43 S., Rs. 11 and 12
E., and in a large mound of stone, with brass cap
marked

T 43 S
 R 11 E R 12 E
 C C
 S 36 | S 31

ARIZ

1925

WEST BOUNDARY AND SUBDIVISION OF T. 43 S., R. 12 E.

Chains

from which

A pinon pine, 8 ins, indiam., bears N. 50° E.,
83 lks. dist., marked T 43 S R 12 E S 31 CC BT.

A pinon pine, 8 ins. in diam., bears N. 15½° W.,
48 lks. dist., marked T 43 S R 11 E S 36 CC BT.

Land, rolling; general drainage SW.

Soil, sandy clay and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush, and mountain rush.

Fair grazing.

SUBDIVISION OF T. 43 S., R. 12 E.

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the township, which is an iron post, properly set marked and witnessed as described in the official record of T 42 S., R. 12 E., S.L.B. & Mer., Utah
S. 0° 1' E., bet. secs. 1 and 2.

Over rough and broken land, thru scattered undergrowth.

25.00 Wash, in bottom of small box canon, 35 ft deep. Wash,
20 lks. wide; wash, 35 ft. below rims, course W.

38.07 Rim of canon, bears NE. and SW.; desc. 115 ft; over
perpendicular rim, 60 ft. high, on rocky SE. slope.

40.00 On rocky SE. slope

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the ¼ sec. cor., with brass cap marked .

¼
S 2 | S 1
1925

No other accessories available.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

Continue desc. 85 ft.

63.00 Near head of canon, 5 chs. NE., course SW.; asc. 160 ft.
over cliffs and ledges facing NW.

65.00 Top of sandstone spur projection, projects 5 chs. W.;
then breaks off abruptly to the west.; desc. 200 ft.
over broken S. slope.

66.70 Trail, 50 ft. below top of spur, bears NE. and SW.

74.00 Bottom of canon, which is a wash, 20 lbs. wide, 2 ft.
deep, cut in the solid sandstone, course W.; asc. 70
ft. over broken N. slope.

80.00 On broken N. slope

Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins.
in the ground to solid rock, and in a large mound of
stone, for the cor. of secs. 1, 2, 11 and 12, with
brass cap marked

T 43 S R 12 E

S 2	S 1
S 11	S 12

1925

I deposit a sandstone, 14, 12, 10 ins., marked with a
cross, X, at the base of the monument.

No other accessories available, and pits impracticable.

Land, rough and broken; general drainage W.

Soil, rocky sandy clay, and surface rock; 4th rate.

Timber, a few scattered juniper.

Undergrowth, black brush, mountain rush and amole plant.

Poor grazing.

East, on a random line, bet. secs. 1 and 12.

0.00 Set temp. $\frac{1}{4}$ sec. cor.

0.00 Intersect E. bdy. of the township, at the cor. of secs.
1, 6, 7 and 12, which is an iron post, 2 ins. in diam.,
properly set, marked and witnessed as described in the
final official returns of T. 43 S., R. 13 E., S. L. B. & Mer.

Thence

24
SUBDIVISION OF T. 43 S., R. 12 E.

Chains

West, on a true line, bet. secs. 1 and 12.

Over rough and broken land, thru scattered undergrowth.

10.00 Surface wash, 30 lbs. wide, course NW.; desc. 90 ft.

3 .40 Wash, 30 lbs. wide, 2 ft. deep, course SW.

49.00 About 1.50 chs N. of wash, on S. slope

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S \quad 1 \\ \frac{1}{4} \text{ --- } \\ S \quad 12 \end{array}$$

1925

No other accessories available.

Continue along broken S. slope.

56.00 Right rim of canon, bears NW. and SE.; desc. over cliffs and ledges facing SW., 450 ft.

90.00 Bottom of canon, wash, 20 lbs. wide, 2 ft. deep, course NW.; asc. 40 ft. to sec. cor.

1 .00 The cor. of secs. 1, 2, 11 and 12.

Land, rough and broken; general drainage W.

Soil, surface sandstone, sand and sandy clay; 4th rate.

Timber, none.

Undergrowth, black brush, mountain rush and amole plant.

Fair and poor grazing.

S. 0° 1' E., bet. secs. 11 and 12

Over rough and broken land, thru scattered undergrowth.

Asc. 340 ft. over broken N. slope.

6.00 Left rim of canon, bears E. and W.; continue over broken sandstone surface rock.

40.00 Unbroken sandstone surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 43 S., R. 12 E.

$\frac{1}{4}$
 S 11 | S 12
 1925

No other accessories available.

Continue over broken sandstone surface rock, thru
very scrubby and scattered timber.

62.00 Bottom of rocky draw, 1 chain wide, 15 ft. deep, course
NW.

80.00 On broken sandstone surface rock

Set an iron post, 3 ft. long, 2 ins. in diam., over a
cross, X, chiseled in the solid rock, and in a large
mound of stone, for the cor. of secs. 11, 12, 13 and
14, with brass cap marked

T 43 S R 12 E

S 11 | S 12
 S 14 | S 13

1925

No other suitable accessories available.

Land, rough and broken; general drainage W.

Soil, sandstone surface rock, and some sand, clay, and
sand; 4th rate.

Timber, juniper and pinon pine.

Undergrowth, black brush and mountain rush.

Poor grazing.

East, on a random line, bet. secs. 12 and 13.

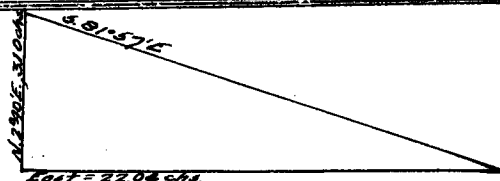
40.00 Set temp. & sec. cor.

55.20 Rim of canon, 100 ft. high, bears N. 70° E. and S. 70°

W., over which I am unable to chain; therefore I
triangulate as follows: Vertical angle to flag on
random line = 0° 00'; auxiliary flag, bears N. 2° 40'
E., 3. 10 chs. dist.; from auxiliary flag, flag on
random line bears S. 81° 57' E.; all bearing checked
by direct reading of the solar and all angles checked
by deflection :

SUBDIVISION OF T. 43 S., R. 12 E.

Chains



Longer base impracticable.

Distance on random line-----58.19 chs.

Distance by triangulation-----22.04

80.23

80.23 Intersect E. bdy. of the Tp., at the cor. of secs.

7, 12, 13 and 18, which is an iron post, 2 ins. in diam., properly set, marked and witnessed as described in the final official returns of T. 43 S. R. 13 E., S. L. B. & Mer., Group 153, Utah.

Thence

West, on a true line, bet. secs. 12 and 13.

Over, broken sandstone surface rock thru very scattered timber and undergrowth.

Approximate distances to items of topography, bet. triangulation points.

5.00 South rim of canon, bears N. 70° E. and S. 70° W.

15.00 Bottom of canon, 100 ft. deep, wash, 20 lks. wide, 2 ft. deep, drains SW.

22.03 North rim of canon, bears N. 70° E. and S. 70° W.; continue over broken sandstone surface rock.

40.11¹ Approximately 1 chain S. of wash; hereafter described bet. an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked

S 12
+
S 13

1925

At base of post, I chisel a cross, X, in the solid sandstone; no other suitable accessories available.

41.00 Draw, course SW. 15 lks. wide, 2 ft. deep.

80.23 The cor. of secs. 11, 12, 13 and 14.

Land, broken sandstone surface rock; general drainage

Soil, sandstone surface rock and sandy clay along both

of draws; 4th rate.

Timber, scrubby and gnarled pinon pine and juniper.

Undergrowth, black brush, mountain rush and amole plant.

Poor grazing.

S. 0° 1' E., bet. secs. 13 and 14.

Over rough and broken land, thru very scattered timber and undergrowth.

5.10 Right rim of canon, bears NW. and SE.; desc. 455 ft. over precipitous SW. slope.

9.07 Bottom of canon, which is cut in the solid sandstone, and has formed a water 'tank' about 20x20 ft.; the course of the canon is NW.; desc. 335 ft. over rough and broken NE. slope.

9.85 Trail, bears E. and W.

3.50 Same trail, bears NE. and SW.

4.45 Left rim of canon, bears NW. and SE.; continue over broken sandstone surface rock.

6.00 Same trail, bears NW. and SE.

0.00 On broken sandstone surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, on in large round of stone, for the 1 sec. cor., with brass cap marked

4
S 14 | S 13
1925

No other suitable accessories available.

Continue over broken sandstone surface rock.

6.50 Right rim of small canon, bears NW. and SE.

0.90 Bottom of canon, 170 ft. below rims, course NW.

6.70 Left rim of canon, bears NW. and SE.; continue over broken sandstone surface rock.

0.00 On broken sandstone surface rock

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked

T 43 S R 12 E

S 14	S 13
S 23	S 24

1925

No other accessories available.

Land, rough and broken; general drainage W.

Soil, surface sandstone and rocky sandy clay on slopes.

4th rate.

Timber, scrubby and gnarled pinon pine and juniper.

Undergrowth, black brush and mountain rush.

Poor grazing.

East, on a random line, bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect E. bdy. of the Tp., at the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. in diam. properly marked, set, and witnessed as described in the official returns of T. 43 S., R. 13 E., S.L.B. & Mer., Group 153, Utah.

Thence

West, on a true line, bet. secs. 13 and 24.

Over broken land, thru scattered timber and undergrowth.

Desc. 130 ft. over broken land.

40.00 on broken land

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$	S 13
	S 24

1925

SUBDIVISION OF T. 43 S., R. 12 E.

No other accessories available.

Continue over broken land.

Draw, course NW.

Trail, bears NW. and SE.

The cor. of secs. 13, 14, 23 and 24.

Land, broken; general drainage NW.

Soil, surface sandstone and sandy clay; 4th rate.

Timber, gnarled and scrubby pinon pine and juniper.

Undergrowth, black brush and mountain rush.

Poor grazing.

S. $0^{\circ} 1' E.$, bet. secs. 23 and 24.

Over broken land, thru scattered timber and undergrowth.

Over broken sandstone surface rock.

On broken land of sandstone surface rock.

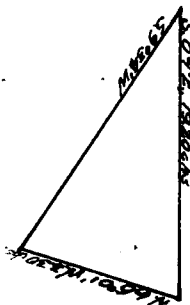
Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the sec. cor., with brass cap marked

$\frac{1}{4}$
 S 23 | S 24
 1925

No other accessories available.

Continue over broken sandstone surface rock.

In order to obtain distance over inaccessible canon, and in order to obtain sufficient base, I triangulate as follows; vertical angle to flag on line = $0^{\circ} 00'$; Auxiliary flag, bears S. $9^{\circ} 34' W.$; from flag on line auxiliary flag bears N. $66^{\circ} 01' W.$, all bearings checked by direct reading of the solar and all angles checked by deflection:



SUBDIVISION OF T. 43 S., R. 12 E.

Chains

Distance on line -----48.98 chs.

Distance by triangulation-----19.20✓

68.18chs.✓

Approximate distance to items of topography between points of triangulation are as follows:

49.80 Right rim of canon, bears NW. and SE.
 58.00 Bottom of canon, 250 ft. deep, course NW.
 68.18 Triangulation point, on left rim of canon, bears NW. and SE.; continue over broken sandstone surface rock
 80.00 On broken surface rock
 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid surface rock, and in a large mound of stone, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked

T 43 S R 12 E

S 23 | S 24

S 26 | S 25

1925

No other accessories available.

Land, rough and broken; general drainage NW.

Soil, sandstone surface rock; 4th rate.

Timber, gnarled and scrubby pinon pine and juniper.

Undergrowth, black brush and amole.

Poor grazing.

East, on a random line, bet. secs. 24 and 25.

40.00 Set temp. sec. cor.

80.08 Intersect E. bdy. of the Tp., 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. in diam., firmly set, and properly marked and witnessed as described in the final official returns of T. 43 S., R. 13 E., S.L.B. & Mer., Group. 153, Utah

Thence

S. 89° 58' W., on a true line, bet. secs. 24 and 25.

SUBDIVISION OF T. 43 S., R. 12 E.

Over broken land, thru scattered timber and undergrowth.
On broken sandstone surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \text{ S } 24 \\ \hline \text{S } 25 \end{array}$$

1925

No other accessories available.

Head of small box canon draw, course NW. In the head of this draw is evidence of a small seep of good water. This canon is 30 chs. wide where line crosses.

Continue over broken sandstone surface rock.

The cor. of secs. 23, 24, 25 and 26.

Land, broken; general drainage NW.

Soil, sandstone surface rock and sandy clay; 4th rate.

Timber, scrubby piñon pine and juniper.

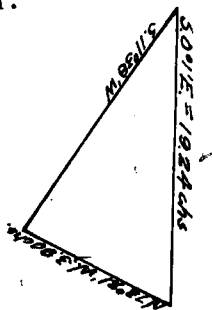
Undergrowth, Black brush, mountain rush and scrub oak.

Poor grazing.

S. $0^{\circ} 1' \text{ E.}$, bet. secs. 25 and 26.

Over rough and broken land, thru scattered timber and undergrowth.

Left rim of canon, over which I am unable to obtain distance by chaining, therefore I triangulate as follows; vertical angle to flag on line = $0^{\circ} 00'$; auxiliary flag, bears S. $11^{\circ} 38' \text{ W.}$; from flag on line auxiliary flag, bears N. $73^{\circ} 21' \text{ W.}$, 3.90 chs. dist.; all bearing checked by direct reading of the solar, and all angles checked by deflection:



SUBDIVISION OF T. 43 S., R. 12 E.

Chains

Longer Base impracticable.

Distance on line----- 3.95 chs.

Distance by triangulation-----19.24 ✓

23.19 chs.

Approximate distances to items of topography between
point of triangulation are as follows:

- 13.50 Bottom of canon, 400 ft. deep, course NW.
- 23.19 Triangulation point on left rim of canon, bears NW. and
SE.; continue over broken sandstone surface rock.
- 40.00 On broken surface rock
Set an iron post, 3 ft. long, 1 in. in diam., over
a cross, X, chiseled in the solid surface rock, and
in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with
brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \hline S\ 26\ |\ S\ 25 \\ \hline 1925 \end{array}$$

No other accessories available.

Continue over broken surface rock.

- 49.00 Shallow wash, 30 lks. wide, course NW.
- 69.00 Right rim of Nokai Canon, bears NW. and SE.; desc.
110 ft. over broken W. slope.
- 80.00 On broken W. slope of Nokai Canon
Set an iron post, 3 ft. long, 2 ins. in diam., over a
cross, X, chiseled in the solid rock, and in a large
mound of stone, for the cor. of secs. 25, 26, 35 and
36, with brass cap marked

T 43 S R 12 E

$$\begin{array}{c} S\ 26\ |\ S\ 25 \\ \hline S\ 35\ |\ S\ 36 \end{array}$$

1925

No other accessories available.

Land, rough and broken; general drainage W.

Soil, sandstone surface rock and rock; 4th rate.

Timber, scrub juniper and pinon pine,

Undergrowth, black brush, mountain rush and scrub

Peer grazing.

N. 89° 58' E., on a random line, bet. secs. 25 and 36.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of the township, at the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in i diam., properly set, marked and witness as described in the official record of T.43S.,R.13E., S.L.B. & Mer., Utah.

Thence

S. 89° 58' W., on a true line, bet. secs. 25 and 36.

Over broken land, thru scattered timber and undergrowth.

On surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 25 \\ \frac{1}{4} \text{---} \\ S\ 36 \end{array}$$

1925

No other accessories available.

Continue over broken sandstone surface rock.

Right rim of Nokai Canon, bears NW. and SE.; desc. 165 ft. to

The cor. of secs. 25, 26, 35 and 36.

Land, broken; general drainage, NW.

Soil, sandstone surface rock, and rocky, sandy clay; 4th rate.

Timber, scrub pinon pine and juniper.

Undergrowth, black brush, mountain rush and scrub oak.

Fair grazing.

S. 0° 1' E., bet. secs. 35 and 36.

Over rough and broken land, thru scattered timber and undergrowth. Desc. 30 ft. over broken W. slope

SUBDIVISION OF T. 43 S., R. 12 E.

Chains	
2.00	Draw, course NW.
4.70	Right rim of Nokai Canon, bears E. and W.; continue over broken sandstone surface rock.
35.00	On right rim of Noaki Canon, bears N. 20° W. and S. 20° E. Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} \frac{1}{4} \\ S\ 35\ 15\ 36 \\ WC \\ 1925 \end{array}$
	No other suitable accessories available.
	Desc. 415 ft.; commence desc. over broken W. slope.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on inaccessible rim, where it is impracticable to set a cor. that will possess those stability.
43.40	Slope changes to broken S. slope.
49.14	Intersect Utah-Arizona State Boundary line, N. 89° 57' E., 1.14 chs. distant from the 194.166 mile post; hereinbefore described. At point of intersection Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground, over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the closing cor. of secs. 35 and 36, with brass cap marked
	$\begin{array}{c} T\ 43\ S\ R\ 12\ E \\ CC \\ S\ 35\ | \ S\ 36 \\ ARIZ \\ 1925 \end{array}$
	No other accessories available.
	Land, rough and broken; general drainage W.
	Soil, surface sandstone and sandy clay; 4th rate.
	Timber, scrub juniper and pinon pine.
	Undergrowth, black brush, mountain rush and scrub oak.

SUBDIVISION OF T. 43 S., R. 12 E.

Poor grazing.

From the corner of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., which is an iron post, 2 ins. in diam., firmly set marked and witnessed as described in the final official returns of T. 42 S., R. 12 E., S.L.B. & Mer. of this Group 154.

S. 0° 1' E., bet. secs. 2 and 3.

Over rough and broken land in the bottom of Nokai Canon, thru scattered undergrowth. Desc. 10 ft.

2.40 Nokai Canon, wash, 40 lks. wide, 5 ft. deep, course NW.; asc. 300 ft. over broken N. slope.

12.00 Sandstone spur projection, breaks off to the east, 20 lks. dist.; desc. 285 ft. over SE. slope.

31.70 Same wash, 50 lks. wide, 4 ft. deep, course NE.

40.00 Near bend in wash

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S \quad 3 \mid S \quad 2 \\ 1925 \end{array}$$

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of the post.

42.20 Same wash, 50 lks. wide, 4 ft. deep, course NW.; asc. 200 ft. over broken E. slope to sec. cor.

54.80 Small wash, 20 lks. wide, 2 ft. deep, course NE.

80.00 On broken E. slope

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 2, 3, 10 and 11, with brass cap marked

$$\begin{array}{c} T \ 43 \ S \quad R \ 12 \ E \\ S \ 3 \mid S \ 2 \\ \hline S \ 10 \mid S \ 11 \\ 1925 \end{array}$$

and raise a mound of stone, 2 ft. base, 1½ ft. high

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

W. of the post.

Land, broken land in bottom of Nokai Canon; general drainage N.

Soil, sand, rock, and sandy clay; 4th rate.

Timber, scrub juniper, and pinon pine. (Few trees only.)

Undergrowth, black brush, mountain rush, and amole plant

Fair grazing.

East, on a random line, bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, at the cor. of secs. 1, 2, 11 and 12.

Thence

West, on a true line, bet. secs. 2 and 11.

Over rough and broken land, thru scattered undergrowth.

Asc. 250 ft. over broken NE. slope.

18.30 Spur, projects NW.; foot of perpendicular cliff, 60 ft. high, bears SE. and SW.; desc. 300 ft. over SW. slope.

33.00 Wash, 20 lks. wide, 2 ft. deep, course NW.; continue over rolling and broken land in Nokai Canon.

40.00 On a S. slope

Set an iron post, 3 ft. long, 1 in. in diam., 8 ins.

in the ground, to solid rock, and in a large mound

of stone, for the $\frac{1}{4}$ sec. cor., with brass cap

marked

S 2
 $\frac{1}{4}$ S 11

1925

I deposit a sandstone, 10x8x2 ins., marked with a cross, X, at the base of the monument.

No other accessories available and pits impracticable.

Continue over broken land.

55.00 Fork of two draws, from S. and SE., course NW.

67.80 Main wash, in Nokai Canon, 40 lks. wide, 3 ft. deep, course N.: Trail in bottom of wash, bears N. and S.

SUBDIVISION OF T. 43 S., R. 12 E.

Asc. 85 ft. over broken E. slope.

The cor. of secs. 2, 3, 10 and 11.

Land, rough and broken; general drainage N.

Soil, sand, rock and rocky clay; 4th rate.

Timber, a very few scattered juniper.

Undergrowth, sagebrush, black brush, mountain rush,
grass and amole plant.

Fair grazing.

S. 0° 1' E., bet. secs. 10 and 11.

Over rough and broken land, thru scattered undergrowth.

Over broken E. slope

Wash, 20 lks. wide, 5 ft. deep, course E.; continue
over broken E. slope.

Draw, 20 lks. wide, 3 ft. deep, course E.

On broken E. slope, approximately 3 chs. W. and 20 ft.
above main wash in Nokai Canon

Set an iron post, 3 ft. long, 1 in. in diam., 10 ins.

in the ground, to solid rock and in a large mound of
stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 10 | S 11
1925

I deposit a sandstone, 5x5x4 ins., marked with a cross,
X, at the base of the monument.

No other accessories available and pits impracticable.

Continue over broken E. slope; asc. 20 ft.

Draw, 30 lks. wide, 2 ft. deep, course E.; asc. 450 ft.
over rough and broken NE. slope.

Left rim of Nokai Canon, which is a perpendicular ledge,
50 ft. high, bears NW. and SE.; continue over broken
sandstone surface rock.

On broken sandstone surface rock

Set an iron post, 3 ft. long, 2 ins. in diam., over
a cross, X, chiseled in the solid sandstone, and
in a large mound of stone, for the cor. of secs.

Chains

10, 11, 14 and 15, with brass cap marked

T 43 S R 12 E

S 10	S 11
S 15	S 14

1925

No other accessories available and pits impracticable.

Land, rough and broken; general drainage E.

Soil, sandy, rocky clay, and surface rock; 4th rate.

Timber, a very few scattered juniper and pinon pine.

Undergrowth, sagebrush, black brush, mountain rush and amole plant.

Fair grazing.

East, on a random line, bet. secs. 12 and 14.

7.37

Top of precipitous ^{rim}/of Nokai Canon, bears N. and SE.,

over which I am unable to chain, therefore I triangulated

as follows: Vertical angle to flag on random line =

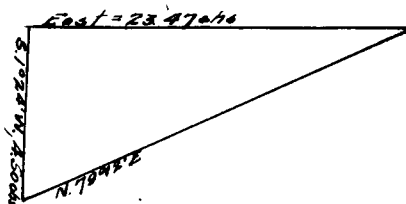
$-17^{\circ} 35' = 496$ ft.; auxiliary flag, bears S. $1^{\circ} 24'$ W.,

4.50 chs. dist. (longer base impracticable); from

auxiliary flag, flag on random line bears N. $79^{\circ} 12'$ E.

All bearing checked by direct reading of the solar

and all angles checked by deflection:



Distance on random line----- 7.37 chs.

Distance by triangulation----- 23.47

30.84 chs.

40.00

Set temp. & sec. cor.

80.06

Intersect N. and S. line, at the cor. of secs. 11, 12, 13 and 14.

Thence

West, on a true line, bet. secs. 11 and 14.

Over rough and broken land, thru scattered timber and

undergrowth. Desc. 65 ft.

Right rim of Nokai Canon, which is a sandstone rim, 50 ft. high, bears NW, and SE.; desc. 130 ft. over broken SW. slope.

On broken SW. slope

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone, and in a large mound of stone, for the 1 sec. cor., with brass cap marked.

S 11
+
S 14

1925

No other accessories available.

Continue desc. 65 ft. over broken SW. slope.

Triangulation point.

Wash, in bottom of Nokai Canon, 30 lks. wide, 4 ft. deep, course NW.; asc. 500 ft. over precipitous E. slope.

Triangulation point, on left rim of Nokai Canon, bears N. and SE.; continue over broken sandstone surface rock.

The cor. of secs. 10, 11, 14, and 15.

Land, rough and broken; general drainage NW.

Soil, surface sandstone, rocky clay and sand; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush and mountain rush.

Poor grazing.

S. 0° 1' E., bet. secs. 14 and 15.

Over rough and broken sandstone surface rock, thru scattered timber and undergrowth.

Trail, bears NW. and SE.

Wash, 30 lks. wide, 6 ft. deep, course NE.

On surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface

SUBDIVISION OF T. 43-S., R. 12 E.

Chains

rock, and in a large mound of stone, for the $\frac{1}{4}$ sec.
cor. with brass cap marked

$\frac{1}{4}$
 S 15 | S 14
 1925

from which

A pinon pine, 6 ins. in diam., bears N. 64° W.,
75 lks. dist., marked $\frac{1}{4}$ S 15 B T.

No other accessories available.

41.40 Wash, cut in solid sandstone, 50 lks. wide, 8 ft.
deep, course NE.

57.90 Trail, bears NE. and SW

65.00 Wash, 50 lks. wide, 4 ft. deep, in solid sandstone,
course NE.

80.00 On solid sandstone

Set an iron post, 3 ft. long, 2 ins. in diam., over a
cross, X, chiseled in the solid sandstone, and in
a large mound of stone, for the cor. of secs. 14, 15,
22 and 23, with brass cap marked

T 43 S R 12 E

S 15 | S 14
 S 22 | S 23

1925

No other accessories available.

Land, rough and broken sandstone surface rock; general
drainage NE.

Soil, sandstone surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and scrub oak.

Poor grazing.

East, on a random line, bet. secs. 14 and 23.

32.24 Left rim of Nokai Canon, bears N. and S., over which

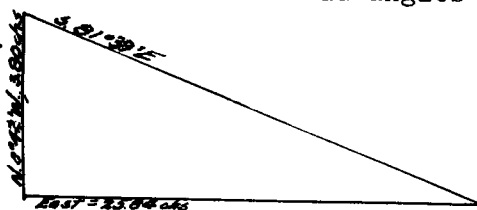
I am unable to chain, therefore I triangulate as

follows: Vertical angle to flag on random line =

- $0^{\circ} 40'$ = 20 ft.; auxiliary flag, bears N. $0^{\circ} 43'$

SUBDIVISION OF T. 43 S., R. 12 E.

3.80 chs. dist.; from auxiliary flag, flag on random line bears S. 81° 39' E.; all bearing checked by direct reading of the solar and all angles checked by deflection.



Distance on random line-----32.24 chs.

Distance by triangulation-----25.84

58.08 chs

80.04 Intersect N. and S. line, at the cor. of secs. 13, 14, 23 and 24.

Thence

West, on a true line, bet. secs. 14 and 23.

Over rough and broken land, thru scattered timber

and undergrowth. Over broken sandstone surface rock

21.96 Triangulation point, on right rim of Nokai Canon,

bears N. and SW. Desc. approximately 600 ft. over precipitous W. slope

33.00 Bottom of Nokai Canon, wash, 30 lks. wide, 2 ft. deep, course N.; asc. approximately 600 ft. over precipitous E. slope.

40.02 True point for 1/4 sec. cor., falls on an inaccessible slope where it is impracticable to set cor.

47.63 On left rim of Nokai Canon, bears N. and S.

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the witness 1/4 sec. cor., with brass cap marked

S 14
1/4 WC
S 23

1925

No other accessories available.

Continue over broken sandstone surface rock.

52.40 Triangulation point.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains	
80.04	<p>The cor. of secs. 14, 15, 22 and 23.</p> <p>Land, rough and broken; general drainage N.</p> <p>Soil, surface sandstone, sand, rock, and rocky clay; 4th rate.</p> <p>Timber, pinon pine and juniper.</p> <p>Undergrowth, black brush, mountain rush and scrub oak.</p> <p>Poor grazing.</p> <p>-----</p> <p>S. 0° 1' E., bet. secs. 22 and 23</p> <p>Over broken sandstone surface rock, thru scattered timber and undergrowth.</p>
20.00	<p>Wash, cut in solid sandstone, 30 lks wide, 4 ft. deep, course NE.</p>
40.00	<p>On solid sandstone surface rock</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;"> $\frac{1}{4}$ S 22 | S 23 1925 </p> <p>No other suitable accessories available.</p> <p>Continue over broken sandstone surface rock.</p>
49.00	<p>Wash, 20 lks. wide, 3 ft. deep, course NE.</p>
80.00	<p>On sandstone surface rock</p> <p>Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid surface rock, and in a large mound of stone, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked</p> <p style="text-align: center;"> T 43 S R 12 E S 22 | S 23 S 27 | S 26 1925 </p> <p>No suitable accessories available.</p> <p>Land, broken sandstone surface rock; general drainage NE.</p>

SUBDIVISION OF T. 43 S., R. 12 E.

Soil, sandstone surface rock; 4th rate.

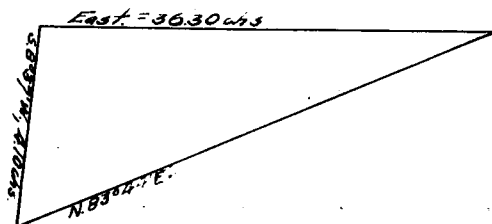
Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and scrub oak.

Fair grazing.

East, on a random line, bet. secs. 23 and 26.

Left rim of Nokai Canon, bears NW. and SE., over which I am unable to obtain distance by chaining, therefore I triangulate across canon as follows: Vertical angle to flag on random line = $-0^{\circ} 40'$ = 26 ft.; auxiliary flag, bears S. $8^{\circ} 37'$ W., 4.10 chs. dist.; from auxiliary flag, flag on random line bears N. $83^{\circ} 44'$ E.; all bearing checked by direct reading of the solar and all angles checked by deflection:



Distance on random line-----39.70 chs.

Distance by triangulation-----36.30

76.00 chs.

Intersect N. and S. line, at a point, 14 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence

N. $89^{\circ} 54'$ W., on a true line bet. secs. 23 and 26.

Over rough and broken land, thru scattered timber and undergrowth.

Right rim of Nokai Canon, bears NW. and SE.; desc. approximately 600 ft. over SW. slope.

Approximated distance to bottom of Nokai Canon, wash in bottom, 20 lks. wide, course N.; asc. approximately 600 ft. over precipitous E. slope.

True point for $\frac{1}{4}$ sec. cor. falls, on inaccessible rim where it is impossible to set corner.

On left rim of Nokai Canon, bears N. and S.

Set an iron post, 3 ft. long, 1 in. in diam., over a

SUBDIVISION OF T. 43 S., R. 12 E. VINTAGE

Chains

cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked

S 23
 $\frac{1}{4}$ WC
S 26
1925

No other suitable accessories available.

Continue over broken sandstone surface rock.

61.00 Wash, 20 lks. wide, 15 ft. deep, course NE.

80.10 The cor. of secs. 22, 23, 26 and 27.

Land, rough and broken; general drainage N.

Soil, sandstone surface rock, rocky sandy clay, and sand.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and scrub oak.

Poor grazing.

S. 0° 1' E., bet. secs. 26 and 27.

Over broken surface rock, thru scattered timber and undergrowth.

16.50 Wash, cut in solid sandstone, 30 lks. wide, 5 ft. deep, course NE. Leave sandstone surface rock formation and continue over rolling sandy land.

40.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 27 | S 26
1925

I deposit a sandstone, 3x3x2 ins., marked with a cross, X, at the base of the monument.

No other accessories available and pits impracticable.

Continue over rolling land.

80.00 On rolling land

SUBDIVISION OF T. 43 S., R. 12 E.

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 26, 27, 34 and 35, with brass cap marked

T 43 S R 12 E

S 27	S 26
S 34	S 35

1925

No other accessories available.

Land, rolling and broken; general drainage NE.

Soil, sand and surface rock; 4th rate.

Timber, pinon pine and juniper.

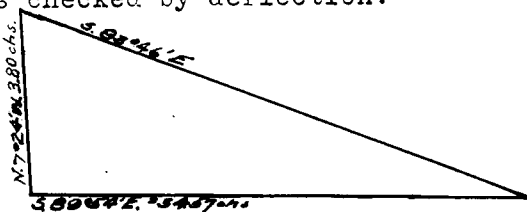
Undergrowth, black brush, mountain rush and other plant.

Fair grazing.

S. 89° 54' E., on a random line, bet. secs. 36 and 35.

Set temp. a sec. cor.

On left rim of Nokai Canon, bears N. and S.; I find that chaining is impossible from this point to the east so I triangulate as follows: Vertical angle to flag on random line = $-3^{\circ} 30'$ = 110 ft.; auxiliary flag bears N. $7^{\circ} 24'$ W., 3.80 chs. dist.; from auxiliary flag, flag on random line, bears S. $83^{\circ} 46'$ E.; all bearings checked by direct reading of the solar and all angles checked by deflection:



Distance on random line-----45.41 chs.

Distance by triangulation-----34.57

79.98 chs.

Intersect N. and S. line, 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

N. $89^{\circ} 56'$ W., on a true line, bet. secs. 26 and 35.

Chains

Over broken and rolling land, thru scattered timber and undergrowth.

Approximate distance to items of topography between points of triangulation are as follows:

Desc. broken W. slope

4.00 Draw, course NW.; continue desc. over broken W. slope.

23.00 Bottom of Nokai Canon, about 500 ft. below cor., wash, 50 lks. wide, course N.; asc. 600 ft. over cliffs and ledges facing E.

34.57 Left Rim of Nokai Canon, bears N. and S. ; continue over rolling land to sec. cor.

39.99 On solid sandstone surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 26}{S\ 35}$

1925

No other accessories available and pits impracticable.

44.20 Right rim of box canon, bears NW. and SE.

45.50 Wash, in bottom of canon, 50 lks. wide, 2 ft deep, 70 ft. below rims of this canon, course NW.

47.00 Left rim of canon, bears NW. and SE. continue over rolling and broken land.

70.00 Right rim of canon, head 2 chs. SW, bears NE. and SW.

71.00 Bottom of canon, 50 lks. wide, 200 ft. deep, course NE.

73.40 Left rim of canon, bears NE. and SW.

79.98 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and broken; general drainage N.

Soil, sand and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and amole.

Poor grazing.

SUBDIVISION OF T. 43 S. R. 12 E.

Over broken and rolling land, thru scattered timber and undergrowth.

10.50 Wash, 1 ch. wide, 1 ft deep, course NE.; land becomes rolling; continue over rolling sandy land.

49.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 34 | S 35
 1925

I deposit a sandstone, 4x3x2 ins., marked with a cross, X, at the base of the monument.

Continue over rolling land.

48.96 Intersect Utah-Arizona State Boundary line, S. 89°

49' E., 14.90chs. dist. from the 193rd mile post, hereinbefore described, and at point of intersection

Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to solid rock, and in a large mound of stone, for closing cor. of secs. 34 and 35, with brass cap marked

T 43 S R 12 E
 CC
 S 34 | S 35

ARIZ

1925

At base of post, in the solid rock, I chisel a cross, X, in the solid rock.

No other accessories available and pits impracticable.

Land, rolling; general drainage NE.

Soil, sandy with some surface rock; 4th rate.

Timber, juniper and pinon pine.

Undergrowth, black brush, mountain rush and amole plant.

Fair grazing.

From the cor. of secs. 3, 4, 33 and 34, on the N. bdy.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

of the Tp., which is an iron post, 2 ins. in diam., properly set, marked and witnessed as described in the final official returns of T. 42 S., R. 12 E., S.L.B. & Mer., of this group.

S. 0° 2' E., bet. secs. 3 and 4.

Over broken land, thru scattered timber and undergrowth

40.00 On SE. slope of draw

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 4 | S 3
 1925

I deposit a sandstone, 5x7x3 ins., marked with a cross X, at the base of monument.

No other accessories available.

48.20 Draw, course NE.

73.00 Draw, course NE.

80.00 On broken land

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, to solid rock, and in a large mound of stone, for the cor. of secs. 3, 4, 9 and 10, with brass cap marked

T 43 S R 12 E

S 4 | S 3
 S .9 | S 10

1925

I deposit a sandstone, 12x9x7 ins., marked with a cross, X, at the base of the monument.

No other accessories available.

Land, rolling and broken; general drainage NE.

Soil, sandy rocky clay; 4th rate.

Timber, very scattered juniper and pinon pine.

Undergrowth, black brush, mountain rush and amole plant.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

Fair grazing.

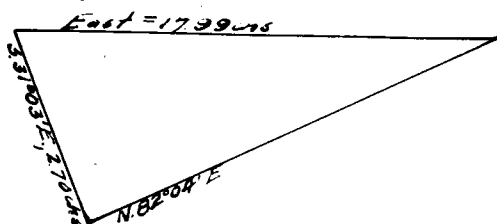
East, on a random line, bet. secs. 3 and 10.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

62.01

Top of rim of Nokai Canon, bears NE. and SE.; in order to obtain distance on line, over inaccessible rim I triangulate as follows: Vertical angle to flag on random line = $-15^{\circ} 35'$ = 335 ft.; auxiliary flag bears S. $31^{\circ} 03'$ E., 2.70 chs. dist., (longer base impracticable); from auxiliary flag, flag on random line, bears N. $82^{\circ} 04'$ E.; all bearings checked by direct reading of the solar and all angles checked by deflection;



Distance on random line-----62.01 chs.

Distance by triangulation-----17.99

80.00 chs.

0.00

Intersect N. and S. line, 2 lms. N. of the cor. of secs. 2, 3, 10 and 11.

Thence

N. $89^{\circ} 59'$ W., on a true line, bet. secs. 3 and 10.

Over broken land, thru scattered undergrowth.

7.99

Top of left rim of Nokai Canon, 100 ft. high, bear NE. and SE.; continue acc. 50 ft. over broken land to $\frac{1}{4}$ sec. cor.

2.39

Trail, bears NE. and SW.

0.00

On broken E. slope

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins.

in the ground to solid rock, and in a large round

of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 3 \quad 3 \\ \frac{1}{4} \quad \hline S \quad 10 \end{array}$$

SUBDIVISION OF T. 43 N., R. 12 E., S. 10 W.

Chains	
	I deposit a sandstone, 7x3x3 ins., marked with a cross, X, at the base of the monument.
	Continue over broken E. slope; asc. 150 ft. to sec. 10.
58.00	Wash, 20 lks. wide, 2 ft. deep, course NE.
80.00	The cor. of secs. 3, 4, 9 and 10.
	Land, broken; general drainage NE.
	Soil, sandy rocky clay and surface rock; 4th rate.
	Timber, none.
	Undergrowth, black brush, mountain rush and amole.
	Poor grazing.
<hr/>	
	S. 0° 2' E., bet. secs. 9 and 10.
	Over rough and broken land, thru scattered undergrowth.
6.70	Forks of three small draws, course NE.; continue over rolling land.
37.60	Ravine, 85 ft. deep, course NE.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on steep NW. slope of ravine, where it is impracticable to set a cor. that will possess thoro stability.
40.80	On top of slope
	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, to solid rock, and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap, marked
	<div style="text-align: center;"> $\frac{1}{4}$ W C S 9 S 10 1925 </div>
	I deposit a sandstone, 7x7x3 ins., marked with a cross, X, at the base of the monument.
	Continue over rolling land
80.00	On rolling land
	Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, with brass cap marked

2.45 S. R. 12 E.

S. 9	S. 10
S. 16	S. 15

1925

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. W. of the post.

No other accessories available.

Land, broken and rolling; general drainage NE.

Soil, sandy rocky clay; 4th rate.

Timber, a very few scattered juniper.

Undergrowth, black brush, mountain rush and amole.

Fair grazing.

S. 89° 59' E., on a random line, bet. secs. 10 and 15.

Set temp. ¼ sec. cor.

Intersect N. and S. line, 1 1/2 mi. E. of the cor. of secs. 10, 11, 14 and 15.

Thence

West, on a true line, bet. secs. 10 and 15.

Over broken land, with scattered undergrowth, and timber.

Trail, bears NW. and SE.

Leave broken white sandstone formation, on later red

rock, sandy clay formation, bears N. and S. Wash, 20 lbs. wide, drains NE. Trail bears NW and SE. On broken E. slope

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins.

in the ground, to which add, and in a large mound of stone, for the ¼ sec. cor., with brass cap, marked

S. 10
¼
S. 15

1925

I deposit a sandstone, 6x3x3 ins., marked with a cross, E. at the base of the monument.

No other accessories available.

Land, over broken land; general drainage NE.

of secs. 9, 10, 15 and 16.

SUBDIVISION OF T. 43 S., R. 12 E., T. 43 S.

Chains

Land, broken; general drainage NE.

Soil, white sandstone surface rock and sandy rocky clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and amole.

Poor grazing.

S. 0° 2' E., bet. secs. 15 and 16.

Over broken land, thru scattered undergrowth. Asc. 140 ft.

40.00 In blue clay formation

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, to solid rock, and in a mound of stone, for the 1/4 sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 16 \mid \text{S } 15 \\ 1925 \end{array}$$

I deposit a sandstone, 8x8x3 ins., marked with a cross, X, at the base of the monument.

Continue asc. 100 ft. over broken E. slope of Nokai Canon proper.

68.00 Trail bears NW. and SE.

80.00 On solid sandstone surface rock

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked

$$\begin{array}{c} \text{T } 43 \text{ S } \text{ R } 12 \text{ E} \\ \text{S } 16 \mid \text{S } 15 \\ \hline \text{S } 21 \mid \text{S } 22 \\ 1925 \end{array}$$

No other accessories available.

Land, rough and broken; general drainage NE.

Soil, surface rock, sandy, rocky clay, and blue clay; 4th rate.

Timber, piñon pine and juniper.

Undergrowth, black brush, mountain rush and silver leaf.

Hair grazing.

East, on a random line, bet. secs. 15 and 22.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line, 9 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence

N. $89^{\circ} 56'$ W., on a true line bet. secs. 15 and 22.

Over broken white sandstone formation, thru scattered undergrowth.

On broken white sandstone surface rock

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 15
 $\frac{1}{4}$ ———
S 22

1925

No other accessories available.

Continue over broken land. Asc. 170 ft. to sec. cor.

Wash, 20 lks. wide, 3 ft. deep, course NE. Leave white sandstone formation, and enter broken red rocky sandy clay formation, bears N. and S.

Trail, bears NE. and SW.

Trail, bears NW. and SE.

The cor. of secs. 15, 16, 21 and 22.

Land, broken; general drainage NE.

Soil, white sandstone surface rock, and red rocky sandy clay formation; 4th rate.

Timber, a very few scattered juniper.

Undergrowth, black brush, mountain rush and silver leaf.

Hair grazing.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

S. 0° 2' E., bet. secs. 21 and 22.

Over broken land, thru scattered undergrowth.

Asc. 120 ft. over broken E. slope . . .

40.00 On broken E. slope

Set an iron post, 3 ft. long, 1 in. in diam., over
a cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the $\frac{1}{4}$ sec.
cor., with brass cap marked

$\frac{1}{4}$
 S 21 | S 22
 1925

No other accessories available.

Continue asc. 170 ft. over broken E. slope.

65.99 Trail, bears NE. and SW.

80.00 On broken E. slope, on solid sandstone surface rock

Set an iron post, 3 ft. long, 1 ins. in diam., over
a cross, X, chiseled in the solid rock, and in a
large mound of stone, for the cor. of secs. 21, 22,
27 and 28, with brass cap marked

T 43 S R 12 E
 S 21 | S 22
 S 28 | S 27
 1925

No other accessories available.,

Land, rough and broken E. slope.

Soil, rocky sandy clay; 4th rate.

Timber, none.

Undergrowth, black brush, mountain rush and silver
leaf.

Fair grazing.

S. 89° 56' E., on a random line, bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.18 Intersect N. and S. line, 9 lks. S. of the cor. of secs
22, 23, 26 and 27.

Thence

SUBDIVISION OF T. 43 S., R. 12, E.

West, on a true line, bet. secs. 22 and 27.

Over broken land, thru scattered timber and undergrowth.

Leave scattered timber, bears N. and S.

Leave white sandstone formation and enter red rocky sandy clay, and blue clay formation.

Foot of steep blue clay E. slope. Asc. 100 ft.

Falls on steep blue clay slope where it is impracticable to set cor. that will possess thoro stability.

On top of steep slope

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to solid rock, and in a large mound of stone, for the witness of sec. cor., with brass cap marked

S 22
+ WC
S 27

1925

I deposit a sandstone, 9x6x4 ins., marked with a cross, X, at the base of the monument.

No other accessories available; continue over broken land.

Trail, bears NW. and SE.

The cor. of secs. 21, 22, 27 and 28

Land, rough and broken; general drainage

Soil, white sandstone surface rock, blue clay, and red rocky sandy clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and silver leaf.

Four grazing.

S. 0° 2' E., bet. secs. 27 and 28.

Over rough and broken steep E. slope, thru scattered undergrowth.

At base of perpendicular rim of Piute Mesa, 250 ft. high. bears N. 15° W. and S. 15° E.,

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the witness of sec. cor., with

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

brass cap marked

$\frac{1}{2}$
 S 28 | S 27
 WC
 1925

No other accessories available.

40.00 Falls on inaccessible rim.

Thence in order to obtain measurement on South, I
 traverse from the witness $\frac{1}{2}$ sec. cor. as follows:

Thence in order to determine distance south on this
 line I return to 28.04 chs. on this line and traverse
 as follows:

S. 18° E., 4.10 chs., then
 S. $11\frac{1}{2}^{\circ}$ E., 17.76 chs., then
 S. 4° E., 10.40 chs., then
 S. 9° W., 6.20 chs., then
 S. $4\frac{1}{4}^{\circ}$ W., 3.70 chs., then
 S. $3\frac{1}{2}^{\circ}$ W., 7.57 chs., then
 South, 2.27 chs., then
 West, 0.99 chs. to

70.30 Southing of cor. of secs. 21, 22, 27 and 28, and 2.81
 chs. E. of true line, on a small ledge, in the foot
 of perpendicular rim of Piute Mesa, 2 ft. high.
 In a crack, in the solid sandstone, and in a large
 mound of stone, for the witness cor. of secs. 27, 28,
 33 and 34, with brass cap marked

T 43 S. R 12 E

S 28 | S 27
 S 33 | S 34
 WC

1925

I deposit a sandstone, 6x6x6 ins., marked with a cross
 X, at the base of the monument.

No other accessories available.

80.00 Southing, falls on a short steep S. slope where it
 is impracticable to set a corner that will possess
 there stability.

DIVISION OF T. 43 S., R. 12 E.

00.00 On true line, falls on inaccessible rim of Piute Mesa;
which is about 250 ft. high.

Land, rough and broken; general drainage E.

Soil, rocky sandy clay, and surface rock; 4th rate.

Timber, none.

Undergrowth, black brush, mountain rush and silver leaf.

Fair grazing.

East, on a random line, bet. secs. 27 and 34.

As true corner point is inaccessible, I commence from
the witness cor. of secs. 27, 28, 33 and 34, which is
2.81 chs. E.; and 65 lks. N. of true position. Thence

East, on offset line, 10.98 chs., then

South, 65 lks. to

13.79 Point on random line ; continue over broken E. slope.

00.00 Set temp. $\frac{1}{4}$ sec. cor.

30.20 Intersect N. and S. line, 14 lks. S. of the Cor., of
secs. 26, 27, 34 and 35.

Thence

S. 89° 54' W., on a true line, bet. secs. 27 and 34.

Over broken land, thru scattered undergrowth.

11.65 Trail, bears NW. and SE.

0.10 True point for $\frac{1}{4}$ sec. cor.; falls on unstable gravel
slope where it would be impracticable to set a cor.
that would possess thorough stability.

2.92 On a bench between two short gravel slopes, faces E.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins.
in the ground, to solid rock, and in a mound of stone,
for the witness $\frac{1}{4}$ sec. cor., with brass cap marked

S 27
 $\frac{1}{4}$ WC
S 34

1925

Deposit a sandstone 8 x 6 x 5 ins. marked with a cross (X)
at base of monument:

Asc. 220 ft. over broken E. slope.

00.00 Foot of steep E. slope, asc. 375 ft to witness sec. cor.

SUBDIVISION OF T. 43 N., R. 12 E.

Chains

66.41 Offset point; from which I offset as follows:

North, 65 lks., then

S. $89^{\circ} 54'$ W., 10.98 chs. to

77.39 Witness cor. of secs. 27, 28, 33 and 34, 65 lks. N. of true line.

Land, rough and broken; general drainage E.

Soil, rocky sandy clay; 4th rate.

Timber, none.

Undergrowth, black brush and mountain rush.

Fair grazing.

S. $0^{\circ} 2'$ E., bet. secs. 33 and 34.

Over rough and broken land, thru scattered undergrowth.

As true point for the cor. of secs. 27, 28, 33 and 34,

falls on inaccessible rim of Piute Mesa, I commence

from the witness cor. of secs. 27, 28, 33 and 34, which

is 2.81 ch. E., and 65 lks. N. of true position, thence

offset line as follows:

S. $0^{\circ} 2'$ E., 11.01 chs., then

West, 2.81 chs. to a point on true line

10.38 Point on true line, bet. secs. 33 and 34, thence

S. $0^{\circ} 2'$ E., bet. secs. 33 and 34.

40.21 On broken bench, on SE. slope, 250 ft below witness sec. cor.

Set iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, to solid rock, and in a mound of stone for the sec. cor., with brass cap marked



I deposit a sandstone, $8 \times 6 \times 4$ ins., marked with a cross, X, at the base of the monument.

Continue over broken land

46.50 Precipitous draw, course E., 60 ft. deep

48.90 On steep E. slope of draw.

37
SUBDIVISION OF T. 43 S., R. 12 E.

Intersect Utah-Arizona State Boundary line, East,

14.46 chs. dist. from the 192d mile post, heretofore described. At point of intersection

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, to solid rock, and in a large mound of stone, for the closing cor. of secs. 33 and 34, with brass cap marked.

T 43 S R 12 E

CC

S 33 | S 34

ARIZ

1925

I deposit sandstone, 4x6x6 ins., marked with a cross, X, at the base of the monument.

No other accessories available.

Land, rough and broken; general drainage SE.

Soil, rocky sandy clay, blue clay and sandstone surface rock; 4th rate.

Timber, none.

Undergrowth, black brush and mountain rush.

Poor grazing.

From the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the township, which is an iron post, 2 ins. in diam., properly set marked and witnessed as described in the final official returns of T. 43 S., R. 12 E.

S.L.B. & Mer., Utah

S. 0° 3' E., bet. secs. 4 and 5.

Over rolling top of mesa, thru medium undergrowth, and heavy timber.

0.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

S 5 S 4

1925

from which.

A pinon pine, 6 ins. in diam., bears N. 57° E.,

15 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A pinon pine, 6 ins. in diam., bears N. 59 $\frac{1}{2}$ ° W.,

60 lks. dist., marked $\frac{1}{4}$ S 5 B T.

Continue over rolling top of mesa

80.00 On rolling top of mesa

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

in the ground, for the cor. of secs. 4, 5, 8 and 9,

with brass cap marked

T 43 S R 12 E

S 5 S 4

S 8 S 9

1925

from which

A pinon pine, 10 ins. in diam., bears N. 42° E.,

131 lks. dist., marked T 43 S R 12 E S 4 B T.

A pinon pine, 10 ins. in diam., bears S. 63 $\frac{1}{2}$ ° E.,

40 lks. dist., marked T 43 S R 12 E S 9 B T.

A pinon pine, 6 ins. in diam., bears S. 42° W.,

55 lks. dist., marked T 43 S R 12 E S 8 B T.

A juniper, 3 ins. in diam., bears N. 12 $\frac{1}{2}$ ° W.,

44 lks. dist., marked T 43 S R 12 E S 5 B T.

Land, rolling top of Piute Mesa; general drainage W.

Soil, sandy rocky loam; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and sagebrush.

Fair grazing.

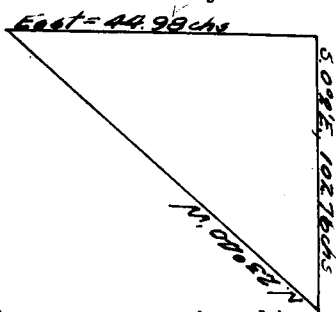
East, on a random line, bet. secs. 4 and 9.

35.08

Top of east rim of Piute Mesa, bears NW. and SE. from

which I am unable to chain, therefore I triangulate

as follows: Vertical angle to flag on random line =
 $-18^{\circ} 53'$ = 1025 ft. ; set flag at this point on top
of mesa; from flag on random line, auxiliary flag,
bears S. $0^{\circ} 02'$ E., 102.76 chs. dist.; from auxiliary
flag, flag set on top of mesa, bears N. $23^{\circ} 40'$ W.;
all bearings checked by direct reading of the solar,
and all angles checked by deflection:



Distance on random line-----35.08 chs.

Distance by triangulation-----44.98

80.06 chs.

80.06

Intersect N. and S. line, at the cor. of secs. 3, 4,
9 and 10.

Thence

West, on a true line, bet. secs. 4 and 9.

Over rough and broken land, thru scattered undergrowth.

Asc. 1025 ft. over broken land, drains E. and rim
of Piute Mesa, about 700 ft. high.

40.03

True point for $\frac{1}{4}$ sec. cor., falls on inaccessible rim
where I am unable to set a corner.

44.98

On top of rim, bears NW. and SE., of Piute Mesa

Set an iron post, 3 ft. long, 1 in. in diam., over a
cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the witness
 $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{\frac{1}{4} \begin{array}{c} S \ 4 \\ S \ 9 \end{array}}{WC}$$

1925

from which

A scrub juniper, 5 ins. in diam., bears S. $34 \frac{3}{4}^{\circ}$

W., 47 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A pinon pine, 10 ins. in diam., bears N. $83 \frac{3}{4}^{\circ}$ W.

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

21 lks. dist., marked $\frac{1}{4}$ S 4 B T.

Continue over rolling top of mesa, thru medium timber and undergrowth.

30.06 The cor. of secs. 4, 5, 8 and 9.

Land, broken and rolling; drainage E. and W.

Soil, rocky, sandy clay, below mesa, and sandy loam and surface rock on top of mesa; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush, mountain rush and arid plant.

Fair grazing.

S. $0^{\circ} 3'$ E., bet. secs. 8 and 9.

Over rolling top of Piute Mesa, thru heavy timber and medium undergrowth.

44.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the sec. cor., with brass cap marked

$\frac{1}{4}$
 S 8 | S 9
 1925

from which

A pinon pine, 10 ins. in diam., bears N. $80 \frac{3}{4}^{\circ}$ E.,

53 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A pinon pine, 8 ins. in diam., bears N. $43 \frac{3}{4}^{\circ}$ W.,

10 lks. dist., marked $\frac{1}{4}$ S 8 B T.

Continue over rolling land.

51.1 Right rim of draw, bears E. and W.; desc. 70 ft.

61.0 Bottom of draw, course W.; asc. 85 ft.

71.0 Spur, and left rim of draw, project W. from E.

80.00 On rolling S. slope of spur

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.

in the ground, for the cor. of secs. 8, 9, 16 and 17,

with brass cap marked

SUBDIVISION OF T. 43 S., R. 12 E.

T 43 S R 12 E

S 8	S. 9
S. 17	S 16

1925

from which

A pinon pine, 3 ins. in diam., bears N. $11\frac{3}{4}^{\circ}$ E.,
50 lks. dist., marked T 43 S R 12 E S 9 B 1.

A juniper, 8 ins. in diam., bears S. 45° E.,
46 lks. dist., marked T 43 S R 12 E S 10 B 1.

A juniper, 8 ins. in diam., bears S. $7\frac{1}{2}^{\circ}$ E.,
78 lks. dist., marked T 43 S R 12 E S 17 B 1.

A juniper, 6 ins. in diam., bears N. $31\frac{1}{2}^{\circ}$ W.,
59 lks. dist., marked T 43 S R 12 E S 3 B 1.

Land, rolling; general drainage W.

Soil, sandy clay loam, no surface rock; 4th rate.

Timber, pinon pine and juniper.

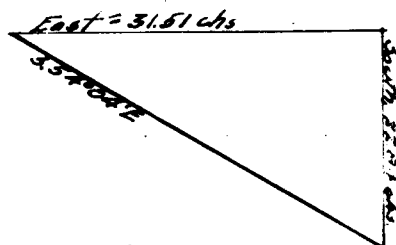
Undergrowth, black brush, sagebrush and mountain mahoe.

Fair grazing.

East, on a random line, bet. sec. 1 and 12.

Set temp. 1 sec. cor.

Top of precipitous rim on East side of Pinto Mts.,
bears NW. and SE, and is approximately 500 ft. high,
over which I am unable to chain, therefore I triangulate
as follows: Vertical angle to flag on random line
* - $23^{\circ} 38'$ = 910 ft.; auxiliary flag bears E. 54°
 $04'$ E.; from flag on random line, auxiliary flag
bears South, 22.84 chs.; all bearings checked by
direct reading of the solar and all angles checked
by deflection:



Distance on random line-----48.59 chs.

Distance by triangulation-----31.51

Chains

80.10 Intersect N. and S. line, 14 lks. N. of sec. 9, 10, 15 and 16.

Thence

N. $89^{\circ} 54'$ W., on a true line, bet. sec. 9 and 16.

Over broken and rolling land, thru scattered undergrowth.

Asc. 910 ft.

31.01 Triangulation point of top of East rim of Piute Mesa. Bears NW. and SE. Enter heavy timber and medium growth; continue over rolling land.

40.05 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S \ 9 \\ \frac{1}{4} \\ S \ 16 \\ 1925 \end{array}$$

from which

A pinon pine, 6 ins. in diam., bears N. $22\frac{1}{2}^{\circ}$ E.,

78 lks. dist., marked $\frac{1}{4}$ S 9 B T.

A pinon pine, 8 ins. in diam., bears S $28 \ 3/4^{\circ}$ W.

56 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Continue over rolling land.

11.10 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken; general drainage E. and W.

Soil, rocky, sandy clay, sandy loam, and surface rock 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush and mountain rue.

Fair grazing.

S. $0^{\circ} 3'$ E., bet. secs. 16 and 17.

Over rolling land, thru medium timber and undergrowth.

5.00 Leave timber, bears NW. and SE.

40.00 On rolling land

SUBDIVISION OF T. 43 S., R. 12 E.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

†	
S 17	S 16
1925	

I deposit a sandstone, 5x4x3 ins., marked with a cross, X, at the base of the monument.

No other accessories available and pits impracticable. Continue over rolling land.

50.00 Enter heavy timber, bears NE. and SW.

69.00 Wash, 15 lks. wide, 2 ft. deep, course SW.

80.00 On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., over a cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the cor. of secs. 16, 17, 20 and 21, with brass cap marked

T 43 S R 12 E

S 17	S 16
S 20	S 21
1925	

from which

A pinon pine, 6 ins. in diam., bears N. $31\frac{1}{4}^{\circ}$ E.,
79 lks. dist., marked T 43 S R 12 E S 16 B T.

A pinon pine, 8 ins. in diam., bears S. $61\frac{1}{2}^{\circ}$ E.,
37 lks. dist., marked T 43 S R 12 E S 21 B T.

A pinon pine, 8 ins. in diam., bears S. $11\frac{1}{2}^{\circ}$ W.,
98 lks. dist., marked T 43 S R 12 E S 20 B T.

A pinon pine, 6 ins. in diam., bears N. 14° W.,
89 lks. dist., marked T 43 S R 12 E S 17 B T.

Land, rolling top of Piute Mesa; general drainage W.

Soil, sandy loam and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush and mountain rush.

Fair grazing.

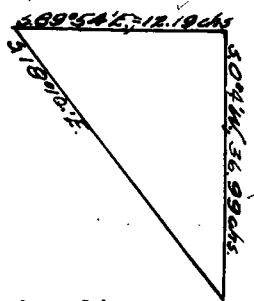
SUBDIVISION OF T. 43 S.; R. 12 E.

Chains

S. $89^{\circ} 54' E.$, on a random line, bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

67.91 East rim of Piute mesa, approximately 600 ft. high, bears NW. and SE., over which I am unable to chain, therefore I triangulate as follows: vertical angle to flag on random line $= -40^{\circ} = 784$ ft.; auxiliary flag S. $18^{\circ} 10' E.$ from flag on random line, auxiliary flag, bears S. $0^{\circ} 04' W.$, 36.99 chs. dist.; all bearing checked by direct reading of the solar and all angles checked by deflection:



Distance on random line-----67.91 chs.

Distance by triangulation-----12.19 chs.

80.10 chs.

80.10 Intersect N. and S. line, 14 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence

West, on a true line, bet. secs. 16 and 21.

Over broken land, thru scattered undergrowth. Asc. 785 ft.

12.19 Triangulation point, on East rim of Piute Mesa, at top, bears NW. and SE. Enter heavy timber and medium undergrowth. Continue over rolling land.

38.00 Draw, course NW.; asc. 70 ft.

40.05 On broken E. slope

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 43 S., R. 12 E.

$\frac{1}{4}$ S 16
S 21

1925

from which

A pinon pine, 3 ins. in diam., bears N. 27° W.,

20 lks. dist., marked $\frac{1}{4}$ S 16 B T.

A juniper, 4 ins. in diam., bears S. 10° E.,

4 lks. dist., marked $\frac{1}{4}$ S 21 B T.

Continue asc. over broken E. slope.

7.30 Top rim of draw, bears N. and S.; continue over rolling land.

0.10 The cor. of secs. 16, 17, 20 and 21.

Land, rolling and broken; general drainage East and NW.

Soil, sandy rocky clay, sandy loam, and rocky surface rock.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain buck and sagebrush.

Fair grazing.

S. 0° 3' E., bet. secs. 20 and 21.

Over rolling top of Piute Mesa, thru heavy timber and medium undergrowth.

8.20 Rim, bears NW. and SW.; desc. 70 ft.

5.00 Wash, course W, 20 lks. wide, 2 ft. deep; asc. 70 ft.

3.10 Low spur, project W.

6.15 Rim, 50 ft. high, bears NW. and SE.; desc. 70 ft. to sec. cor.

0.00 At foot of slope

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 20 | S 21

1925

from which

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

A pinon pine, 8 ins. in diam., bears S. $75\frac{1}{2}^{\circ}$ E.,
45 lbs. dist., marked $\frac{1}{4}$ S 21 B T.

A pinon pine, 10 ins. in diam., bears S. 50° W.,
54 lbs. dist., marked $\frac{1}{4}$ S 20 B T.

Continue over rolling and broken land.

53.40 Wash, 20 lbs. wide, 2 ft. deep, course SW.

75.00 Wash, 20 lbs. wide, 2 ft. deep, course W

80.00 Wash, 20 lbs. wide, 2 ft. deep, course NW.

True point for sec. cor. falls in wash, where it is
impracticable to set a corner that will possess thorough
stability.

Land, rolling and broken, of Piute Mesa; general
drainage NW.

Soil, sandy clay loam, no surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, brush, mountain rush and sagebrush.

Fair grazing.

From true point for cor. of secs. 30, 31, 32 and 29
East, on a random line, bet. secs. 28 and 29.

40.00 Set temp. & sec. cor.

76.30 Top of East rim of Piute Mesa, approximately 400 ft.

high, bears NW. and SE. In order to obtain distance
over inaccessible rim, I triangulate as follows:

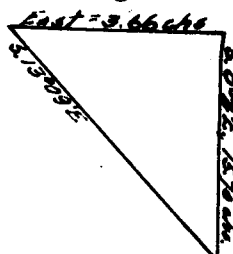
Vertical angle to flag on random line = $58^{\circ} 37'$ =

410 ft.; auxiliary flag, bears S. $13^{\circ} 9'$ E.; from flag

on random line, auxiliary flag, bears S. $0^{\circ} 2'$ E.,

15.70 chs. dist.; all bearings checked by direct reading

of the solar and all angles checked by deflection:



Distance on random line-----76.30 chs

Distance by triangulation-----3.66 ✓

79.96 chs.

East N. and S. line, 21 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence

N. 89° 51' W., on a true line, bet. secs. 21 and 28.

Over rolling and broken land, thru scattered undergrowth.

Triangulation point on East rim of Piute Mesa, 410 ft.

above secs cor., bears NW. and SE.; continue over

over rolling and broken top of mesa, thru heavy timber and medium undergrowth.

Trail, bears NW. and SE.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over a

cross, X, chiseled in the solid sandstone surface

rock, and in a large mound of stone, for the sec.

cor., with brass cap marked

S 21

1
S 28

1925

from which

A pinon pine, 6 ins. in diam., bears N. 19½° W.,

28 lks. dist., marked S 28 B T.

A pinon pine, 3 ins. in diam., bears N. 54° W.,

17 lks. dist., marked S 21 B T.

Top of rocky W. slope, bears N. and S.; elev. 180 ft.

Foot of rocky E. slope, bears N. and S.; continue over rolling land.

Indian hogan, bears N. 1 ch. dist.

True point for the cor. of secs. 20, 21, 28 and 29.

Land, rolling and broken; general drainage W.

Soil, sandy clay and loam, rock and surface sandstone.

4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush and mountain rash.

Fair grazing.

From true point for cor. of secs. 20, 21, 28 and 29

S. 8° 3' E., bet. secs. 28 and 29.

SUBDIVISION OF T.43 S., R. 12 E.

Chains.

Over rolling top of mesa, thru heavy timber and medium undergrowth.

1.54 Near left bank of draw

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the witness cor. of secs. 20, 21, 28 and 29, with brass cap marked

T 43 S R 12 E

WC

S 20 | S 21

S 29 | S 28

1925

from which

A juniper, 8 ins. in diam., bears N. $8\frac{3}{4}^{\circ}$ E.,

170 lks. dist., marked WC T43 S R 12 E S 21 B T.

A juniper, 6 ins. in diam., bears S. $77\frac{1}{4}^{\circ}$ E.,

48 lks. dist., marked WC T 43 S R 12 E S 28 B T.

A pinon pine ins. in diam., bears N. $18\frac{1}{4}^{\circ}$ W.,

77 lks. dist., marked WC T43 S R 12 E S 20 B T.

A pinon pine, 10 ins. in diam., bears S. 41° W.,

41 lks. dist., marked WC T 43 S R 12 E S 29 B T.

Asc. 100 ft. over NE. slope.

16.00 Spur, projects NW.; continue over rolling land.

40.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S 29 | S 28

1925

from which

A pinon pine, 10 ins. in diam., bears S. $47\frac{3}{4}^{\circ}$ E.,

32 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A pinon pine, 10 ins. in diam., bears S. $81\frac{1}{4}^{\circ}$ W.,

79 lks. dist., marked $\frac{1}{4}$ S 29 B T.

Continue over rolling land

64.10 Rocky draw, 50 lks. wide, course NW.

80.00 On rolling land.

SUBDIVISION OF T. 43 S., R. 12 E.

Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground, at bedrock, and in a mound of stone, for the cor. of secs, 28, 29, 32 and 33, with brass cap marked

T 43 S R 12 E

S 29	S 28
S 32	S 33

1925.

from which

A juniper, 8 ins. in diam., bears N. $58\frac{1}{4}^{\circ}$ E.,
14 lks. dist., marked T 43 S R 12 E S 28 B T.

A juniper, 3 ins. in diam., bears S. $65\frac{1}{4}^{\circ}$ E.,
22 lks. dist., marked T 43 S R 12 E S 33 B T.

A pinon pine, 6 ins. in diam., bears S. $69\frac{1}{2}^{\circ}$ W.,
31 lks. dist., marked T 43 S R 12 E S 32 B T.

A pinon pine, 6 ins. in diam., bears N. $34\frac{1}{2}^{\circ}$ W.,
69 lks. dist., marked T 43 S R 12 E S 29 B T.

Land, rolling and broken top of mesa; general drainage W.
Soil, sandy clay, sandstone surface rock, and sandy loam;
4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush and mountain rush.

Fair grazing.,

S. $29^{\circ} 51'$ E., on a random line, bet. secs. 28 and 33

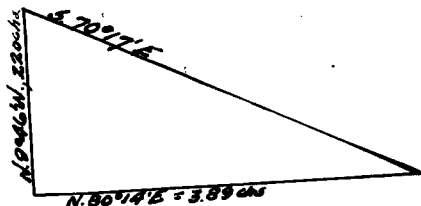
Set temp. & sec. cor.

East rim of Hiute Mesa, bears N. 10° W. and SW., and is about 350 ft. high, over which I am unable to chain, therefore I triangulate to the witness cor. of secs. 27, 28, 32 and 34, which is 65 lks. N. and 2.81 chs. E. of true position, as follows: The bearing to the flag set at the witness cor. is N. $80^{\circ} 14'$ E., and the vertical angle is $-52^{\circ} 40' = 340$ ft.; auxiliary flag bears N. $9^{\circ} 46'$ W., 2.20 chs. dist.; from the auxiliary flag, flag at witness sec. cor., bears S. $70^{\circ} 17'$ E.; all bearings checked by direct reading

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

of the solar, and all angles checked by deflection:



Distance by triangulation-----3.89 chs. ✓

Therefore at

80.02 ✓ Intersect N. and S. line, 2 lks. S. of the true position of the cor. of secs. 27, 28, 33 and 34.

Thence

✓ N. 89° 52' W., on a true line, bet. secs. 28 and 33.

As it is impossible to commence from the true position for the cor. of 27, 28, 33 and 34, I commence from the witness cor. of secs. 27, 28, 33 and 34, which is 65 lks. N. and 2.81 chs. E. of true position and traverse to true line as follows:

S. 80° 14' W., 3.89 chs. to

3.83 On true line, which is on East rim of Piute Mesa, bears N. and SW., 340 ft above witness sec. cor.

Thence

N. 89° 52' W., on a true line, bet. secs. 28 and 33.

Over rolling top of mesa, thru heavy timber and undergrowth.

40.01 On rolling top of mesa

Set an iron post, 3 ft. long, 1 in. in diam., over a cross, X, chiseled in the solid surface rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 28
 $\frac{1}{4}$ —————
S 33
1925

from which

A pinon pine, 8 ins. in diam., bears N. 53° E., 32 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A juniper, 6 ins. in diam., bears S. 7 $\frac{1}{2}$ ° E.,

20 lks. dist., marked $\frac{1}{4}$ S 33 B T.

SUBDIVISION OF T: 43 S., R. 12 E.

Continue over rolling land.

Wash, 30 lks. wide, 3 ft. deep, course NE.; asc. 50 ft.

The cor. of secs. 28, 29, 32 and 33.

Land, broken and rolling land; general drainage W.

Soil, surface rock and sandy clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush sagebrush and mountain rush.

Fair grazing.

S. 0° 3' E., bet. secs. 32 and 33.

Over rolling top of mesa thru heavy timber and medium undergrowth.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

$\frac{1}{4}$
 S 32 | S 33
 1925

from which

A pinon pine, 8 ins. in diam., bears N. 68½° E., 82 lks. dist., marked 1/4 S 33 B T.

A pinon pine, 18 ins. in diam., bears N. 61 3/4° W., 62 lks. dist., marked 1/4 S 32 B T.

Continue over rolling land.

Intersect Utah-Arizona State Boundary line, East 14.66 chs. distant from the 191st mile post, hereinbefore described. At point of intersection.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the closing cor. of secs. 32 and 33, with brass cap marked

T 43 S R 12 E
 CC
 S 32 | S 33
 ARIZ
 1925

SUBDIVISION OF T. 43 S., R. 12 E., S.L.B.

Chains

from which

A pinon pine, 10 ins. in diam., bears N. $40\frac{3}{4}^{\circ}$ E.

97 lks. dist., marked T 43 S R 12 E S 33 CG BT.

A pinon pine, 18 ins. in diam., bears N. $2\frac{1}{2}^{\circ}$ W.,

47 lks. dist., marked T 43 S R 12 E S 32 CG BT.

Land, rolling top of mesa; general drainage N.

Soil, sand, sandy clay and rock; 4th rate.

Timber, pinon pine, and juniper.

Undergrowth, black brush, sagebrush and mountain rush.

Fair grazing.

From the cor. of secs. 5, 6, 31 and 32, on the N. bdy.

of the township, which is an iron post, 2 ins. in diam.

properly marked, set, and witnessed as described in

the final official record of T. 43 S., R. 12 E., S.L.B.

and Mer., Utah.

S. $0^{\circ} 3'$ E., bet. secs. 5 and 6.

Over rolling land, thru medium undergrowth.

12.00 Draw, course NE

40.00 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the sec. cor., with brass cap

marked

$\frac{1}{4}$
 S 6 | S 5
 1925

I deposit a sandstone, 8x5x3 ins., marked with a cross,
X, at the base of the monument.

No other accessories available and pits impracticable.

Continue over rolling land.

80.00 In sandy draw, course NE.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
in the ground, for the cor. of secs. 5, 6, 7 and 8,
with brass cap marked

SUBDIVISION OF T. 43 S., R. 12 E.

T 43 S R 12 E

S 6	S 5
S 7	S 8

1925

I deposit a sandstone, 7x5x5 ins., marked with a cross, X, at the base of the monument.

No other accessories available, and pits impracticable

Land, rolling top of mesa; general drainage. N.

Soil, sandy clay loam; 3rd rate.

Timber, none.

Undergrowth, black brush, sagebrush and mountain rush.

Good grazing.

East, on a random line, bet. secs. 5 and 8.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence

S. $89^{\circ} 57'$ W., on a true line, bet. secs. 5 and 8

Over rolling land, thru heavy timber and medium undergrowth.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S 5
	S 8

1925

from which

A scrub juniper, 3 ins. in diam., bears N. $60\frac{1}{2}^{\circ}$ E.,

220 lks. dist., marked $\frac{1}{4}$ S 5 B T.

A scrub juniper, 3 ins. in diam., bears S. $19\frac{1}{2}^{\circ}$ W.,

51 lks., dist., marked $\frac{1}{4}$ S 8 B T.

Continue over rolling land

SUBDIVISION OF T. 43-S., R. 12 N.

chains	
50.00	Leave timber, bears N. and S.
80.06	The cor. of secs. 5, 6, 7 and 8. Land, rolling top of mesa; general drainage NE. Soil, sandy clay loam; 4th rate. Timber, pinon pine and juniper. Undergrowth, sagebrush, black brush, and mountain rush. Fair grazing.

	West, on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.42	Intersect W. bdy. of the township, 21 lks. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described. Thence S. 39° 51' E., on a true line, bet. secs. 6 and 7. Over rolling and broken land on top of Piute Mesa, thru heavy timber, and medium undergrowth.
8.80	Top of low spur, projects NE.; desc. 115 ft. over rocky and broken slope.
13.60	Foot of slope, bears N. and S.
28.50	Draw, 10 lks. wide, course N.; asc. 70 ft. over rims facing W.
33.00	Top rim of draw, 30 ft. high, bears NE. and SW.; continue over rolling land.
38.42	On rolling land set an iron post, 3 ft. long, 1 in. in diam., over a cross, N, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S \ 6 \\ \frac{1}{4} \text{ --- } \\ S \ 7 \\ 1925 \end{array}$
	from which A pinon pine, 6 ins. in diam., bears N. 71 $\frac{1}{4}$ ° E., 22 lks. dist., marked $\frac{1}{4}$ S 6 B T. A pinon pine, 6 ins. in diam., bears S. 25° W.,

SUBDIVISION OF T. 43 S., R. 12 E.

88 lks. dist., marked $\frac{1}{4}$ S 7 B T.

Continue over rolling land.

Leave timber, bears N. and S.

Trail, bears N. and S.

The cor. of secs. 5, 6, 7 and 8.

Land, rolling and broken; general drainage N.

Soil, sandy clay loam and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

S. 0° 3' E., bet. secs. 7 and 8.

Over rolling top of mesa, thru medium undergrowth.

Shallow draw, 3 cts. wide, course NW.

Trail, bears NW. and SE.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the sec. cor., with brass cap marked

\uparrow
 S 7 | S 8
 1925

I deposit a sandstone, 7x6x3 ins., marked with a cross, X, at the base of the monument.

No other accessories available and pits impracticable.

Continue over rolling land.

Enter scattered timber, bears E. and W.

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked

T 43 S R 12 E

S 7	S 8
S 18	S 17

1925

from which

SUBDIVISION OF T. 43 S., R. 12 E.

Chains	
	<p>A pinon pine, 10 ins. in diam., bears N. 27 3/4°</p> <p>183 lks. dist., marked T 43 S R 12 E S 3 B T.</p> <p>A pinon pine, 6 ins. in diam., bears S. 89 1/2° W.,</p> <p>290 lks. dist., marked T 43 S R 12 E S 13 B T.</p> <p>A juniper, 8 ins. in diam., bears N. 44° W.,</p> <p>120 lks. dist., marked T 43 S R 12 E S 7 B T.</p> <p>No other accessories available and pits impracticable.</p> <p>Land, rolling top of Piute Mesa. General drainage N.</p> <p>Soil, sandy clay loam; 3rd rate.</p> <p>Timber, pinon pine and juniper.</p> <p>Undergrowth, sagebrush and mountain rush.</p> <p>Fair grazing.</p>
40.00	<p>N. 89° 57' E., on a random line, bet. secs. 8 and 17.</p> <p>Set temp. 1/4 sec. cor.</p>
80.04	<p>Intersect N. and S. line, 5 lks. N. of the cor. of</p> <p>secs. 8, 9, 16 and 17.</p> <p>Thence</p> <p>S. 89° 59' W., on a true line, bet. secs. 8 and 17.</p> <p>Over rolling top of Piute Mesa, thru heavy timber and</p> <p>medium undergrowth.</p>
20.00	<p>Leave timber, bears NW. and SE.</p>
40.02	<p>On rolling land.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.</p> <p>in the ground, for the 1/4 sec. cor., with brass cap</p> <p>marked</p>
	$\begin{array}{r} S \ 8 \\ \hline S \ 17 \\ 1925 \end{array}$
	<p>I deposit a sandstone, 6x8x9 ins., marked with a cross,</p> <p>X, at the base of the monument.</p> <p>No other accessories available and pits impracticable.</p>
50.00	<p>Brush fence, bears N. and S.; enter cultivated field.</p>
52.50	<p>Leave cultivated field; fence bears N. and S.</p>
54.00	<p>Shallow sandy draw, 3 chs. wide, course NW. Trail and</p> <p>Road in bottom of draw, bears NW. and SE.</p>

SUBDIVISION OF T. 43 S., R. 12 E.

0.00

The cor. of secs. 7, 8, 17 and 18.

Land, rolling top of mesa; general drainage NW.

Soil, sandy clay loam; 3rd rate.

Timber, juniper and pinon pine.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

40.00

N. 89° 51' W., on a random line, bet. secs. 7 and 18.

Set temp. $\frac{1}{4}$ sec. cor.

78.55

Intersect W. bdy. of the township, at the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence

S. 89° 51' E., on a true line, bet. secs. 7 and 18.

Over rolling and broken land, thru heavy timber and medium undergrowth.

10.80

Rim, 15 ft. high, faces E.; desc. 120 ft. over rocky E. slope to

26.65

Draw, 20 lks. wide, course NE.; continue over rolling land.

Trail in bottom of draw, bears NE. and SW.

38.55

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins.

in the ground to solid rock, and in a large round of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S 7

S 18

1925

from which

A juniper, 10 ins. in diam., bears N. 4° E.,

53 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A pinon pine, 10 ins. in diam., bears S. 3° E.,

30 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Continue over rolling land.

50.50

Leave heavy timber and enter scattered timber, bears N, and S.

Subdivision of T. 43 S., R. 12 E.

Chains

78.55

The cor. of secs. 7, 8, 17 and 18.

Land, rolling and broken; general drainage NE.

Soil, rocky sandy clay, sandy clay loam and surface sand tone; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

S. 0° 3' E., bet. secs. 17 and 18.

Over rolling land, thru scattered timber, and medium undergrowth.

9.00

Shallow draw, 40 lks. wide, course NE.

24.30

Trail, bears E. and W.

28.50

Wash, 20 lks. wide, 3 ft. deep, course NE.; enter heavy timber. bears E. and W.

40.00

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 18 | S 17
 1925

from which

A pinon pine, 10 ins. in diam., bears N. $34\frac{1}{2}^{\circ}$ E., 65 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A pinon pine, 18 ins. in diam., bears N. $42\frac{1}{4}^{\circ}$ W., 56 lks. dist., marked $\frac{1}{4}$ S 18 B T.

Continue over rolling land.

80.00

On rolling land

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked

T 43 S R 12 E
 S 18 | S 17
 S 19 | S 20

1925

SUBDIVISION OF T. 43 S., R. 12 E.

from which

A ~~pinon~~ pine, 3 ins. in diam., bears N. 25° E.,
498 lks. dist., marked B T.

A pinon pine, 10 ins. in diam., bears S. 46½° E.,
413 lks. dist., marked T 43 S R 12 E S 20 B T.

A juniper, 3 ins. in diam., bears S. 56¼° W.,
130 lks. dist., marked B T.

A pinon pine, 11 ins. in diam., bears N. 10° W.,
438 lks. dist., marked T 43 S R 12 E S 18 B T.

Land, rolling; general drainage NE.

Soil, sandy clay loam, and rocky sandy clay; 3rd and 4th
rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush and mountain rush.

Fair grazing.

N. 89° 59' E., on a range line, bet. secs. 17 and 20.

0.00 Set temp. & sec. cor.

0.08 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
16, 17, 20 and 21.

Thence

S. 89° 57' W., on a true line, bet. secs. 1 and 20.

Over rolling and broken land, thru heavy timber and med-
ium undergrowth. Desc. 60 ft.

1.00 Shallow draw, 20 lks. wide, course NE.

26.00 Trail, bears NE. and SW.

35.00 Foot of rocky SE. slope, bears NE. and SW.

40.04 On rocky SE. slope

Set an iron post, 3 ft. long, 1 in. in diam., over a
cross, X, chiseled in the solid sandstone surface
rock, in a large mound of stone, for the 2 sec. cor.,
with brass cap marked

S 17
+
S 20

1925

SUBDIVISION OF T. 43 S., R. 12 E., S. 12 N.

Chains

from which

A juniper, 6 ins. in diam., bears 54° E.,

20 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A pinon pine, 10 ins. in diam., bears S. $19\frac{1}{2}^{\circ}$ W.,

11 lks. dist., marked $\frac{1}{4}$ S 20 B T.

Continue asc. 35 ft. over rocky SE. slope.

43.80 Rim, 10 ft. high, bears NE. and SW. on top of slope.

Continue over rolling land.

77.50 Wash, 20 lks. wide, 2 ft. deep, course NE.

80.08 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and broken; general drainage NE.

Soil, rocky sandy clay, and sandy loam; 4th rate.

Timber, pinon pine and juniper.

Fair grazing.

N. 89° $51'$ W., on a random line, bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.69 Intersect W. bdy. of the township, 5 lks. S. of the cor
of secs. 13, 18, 19 and 24.

Thence

S. 89° $49'$ E., on a true line, bet. secs. 18 and 19.

Over rolling and broken land, thru heavy timber and
medium undergrowth.

38.69 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ S 18
S 19
1925

from which

A pinon pine, 5 ins. in diam., bears South,

17 lks. dist., marked $\frac{1}{4}$ S 19 B T.

A pinon pine, 10 ins. in diam., bears N. 5° W.,

25 lks. dist., marked $\frac{1}{4}$ S 18 B T.

SUBDIVISION OF T. 43 S., R. 12 E.

Continue over rolling land.

39.10 Rim, 10 ft. high, bears NE. and SW.; then desc. 30 ft.
over rocky SE. slope.

48.60 Foot of rocky SE. slope, thence over rolling land.

78.69 The cor. of sec. 17, 18, 19 and 20.

Land, rolling and broken; general drainage NE.

Soil, sandy loam; and rocky sandy clay; 3rd and 4th
rate.

Timber, pinon pine and juniper.

Undergrowth, black brush and mountain rush.

Fair grazing.

S. 0° 3' E., bet. secs. 19 and 20.

Over rolling land, thru heavy timber and medium under-
growth.

1.00 Wash, 20 lks. wide, 2 ft. deep, course NE.

0.00 Foot of gradual NW. slope.

0.00 On top of low spur, projects NE.

Set an iron post, 3 ft. long, 1 in. in diam., over a
cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the 4 sec.
cor., with brass cap marked

$\frac{1}{4}$
 S 19 | S 20
 1925

from which

A pinon pine, 10 ins. in diam., bears S. 37 $\frac{1}{4}$ ° E.,
60. lks. dist., marked $\frac{1}{4}$ S 20 B T.

A pinon pine, 10 ins. in diam., bears S. 34 $\frac{1}{2}$ ° W.,
50 lks. dist., marked $\frac{1}{4}$ S 19 B T.

Desc. 20 ft. over gradual SE. slope.

2.90 Small draw, course NE.; asc. 75 ft. over gradual NW. slope.

0.00 On top of low spur, projects NE.

Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.
in the ground, for the cor. of secs. 19, 20, 29 and 30,

SUBDIVISION OF T. 43 S., R. 12 E.

Chains

with brass cap marked

T 43 S R 12 E

S 19	S 20
S 30	S 29

1925

from which

A pinon pine, 6 ins. in diam., bears N. 62° E.,
53 lks. dist., marked T 43 S R 12 E S 20 B T.

A juniper, 8 ins. in diam., bears S. 40 3/4° E.,
70 lks. dist., marked T 43 S R 12 E S 29 B T.

A pinon pine, 10 ins. in diam., bears S. 32 1/4° W.,
69 lks. dist., marked T 43 S R 12 E S 30 B T.

A pinon pine, 6 ins. in diam., bears N. 35 1/4° W.,
47 lks. dist., marked T 43 S R 12 E S 19 B T.

Land, rolling and hilly; general drainage NE.

Soil, rocky sandy clay, and surface rock; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, mountain rush and black brush.

Fair grazing.

N. 89° 57' E., on a random line, bet. secs. 20 and 29.

40.00 Set temp. sec. cor.

30.04 Intersect N. and S. line, at the cor. of secs. 20, 21,
28 and 29. Witness corner set at 154 S. of true
position.

Thence

S. 89° 57' W., on a true line, bet. secs. 20 and 29.

Over rolling and broken land, thru heavy timber and
undergrowth.

30.00 Large draw, 50 lks. wide, 3 ft. deep, course NW.; asc.
200 ft. over rocky NE. slope.

40.02 On top of steep NE. slope

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins.
in the ground, to solid rock, and in a large mound of
stone, for the 1/4 sec. cor., with brass cap marked

$\frac{1}{4}$ S 20.

S 29

1925.

from which

A juniper, 6 ins. in diam., bears S. $53\frac{1}{2}^{\circ}$ E.,

15 lks. dist., marked $\frac{1}{4}$ S 29 B T.

A pinon pine, 6 ins. in diam., bears N. $16\frac{3}{4}^{\circ}$ W.,

36 lks. dist., marked $\frac{1}{4}$ S 20 B T.

Continue over rolling land.

71.30 Old road, bears NE. and SW.

80.04 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and broken; general drainage N.

Soil, sandy clay loam and rocky clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, mountain rush and sagebrush.

Fair grazing.

N. $89^{\circ} 49'$ W., on a random line, bet. secs. 19 and 30.

40.00 Set temp. sec. cor.

78.75 Intersect W. bdy. of the township, 2 lks. S. of the
cor. of secs. 19, 24, 25 and 30, hereinbefore describ-
ed.

Thence

S. $89^{\circ} 48'$ E., on a true line, bet. secs. 19 and 30.

Over rolling land, thru heavy timber, and medium under-
growth.

38.75 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., over a
cross, X, chiseled in the solid sandstone surface
rock, and in a large mound of stone, for the $\frac{1}{4}$ sec. cor.
with brass cap marked

$\frac{1}{4}$ S 19
S 30

1925

from which

A pinon pine, 6 ins. in diam., bears S. $26\frac{3}{4}^{\circ}$ E.,

SUBDIVISION OF T. 43 S., R. 12 E.

Chains	
	73 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	A pinon pine, 3 ins. in diam., bears N. $19\frac{3}{4}^{\circ}$ W.
	48 lks. dist., marked $\frac{1}{4}$ S 19 B T.
	A large sandstone dome, 150 ft. high, and 150 ft. in diam., bears S. $21\frac{1}{2}^{\circ}$ W., approximately 10.00 chs. dist..
	Continue over rolling land
78.75	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling; general drainage NE.
	Soil, sandy clay loam, rocky sandy clay and surface sandstone; 4th rate.
	Timber, pinon pine and juniper.
	Undergrowth, sagebrush, black brush and mountain rush.
	Fair grazing.

	S. $0^{\circ} 3'$ E., bet. sec. 21 and 30..
	Over rolling land, thru heavy timber, and medium undergrowth.
5.00	Leave heavy timber, bears E. and W. and enter scattered timber.
40.00	On rolling land
	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S 30 | S 29 1925 </div>
	from which
	A juniper, 6 ins. in diam., bears N. 18° E.,
	140 lks. dist., marked $\frac{1}{4}$ S 29 B T.
	A juniper, 6 ins. in diam., bears N. 11° W.,
	500 lks. dist., marked $\frac{1}{4}$ S 30 B T.
	Continue over rolling land
49.70	Old road, bears NE. and SW.
80.00	On rolling land
	Set an iron post, 3 ft. long, 2 in. in diam., 28 ins.

SUBDIVISION OF T., 43 S., R. 12 E.

in the ground, for the cor. of secs. 29, 30, 31 and 32,
with brass cap marked

T 43 S R 12 E

S 30 | S 29

S 31 | S 32

1925

from which

A pinon pine, 5 ins. in diam., bears N. $73\frac{1}{4}^{\circ}$ E.,

215 lks. dist., marked T 43 S R 12 E S 29 B T.

A pinon pine, 8 ins. in diam., bears S. $36\frac{1}{2}^{\circ}$ E.,

133 lks. dist., marked T 43 S R 12 E S 30 B T.

A pinon pine, 8 ins. in diam., bears S. $11\frac{1}{2}^{\circ}$ W.,

246 lks. dist., marked T 43 S R 12 E S 31 B T.

A pinon pine, 6 ins. in diam., bears N. $30\frac{3}{4}^{\circ}$ W.,

389 lks. dist., marked T 43 S R 12 E S 32 B T.

Land, rolling; general drainage N.

Soil, sandy clay loam; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, mountain rush and black brush.

Fair grazing.

N. $89^{\circ} 57'$ E., on a random line, bet. secs. 29 and 32.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S. line, 2 lks. S. of the cor. of
secs. 28, 29, 32 and 33.

Thence

S. $89^{\circ} 56'$ W., on a true line, bet. secs. 29 and 32.

Over rolling land, thru heavy timber and medium under-
growth.

Draw, 50 lks. wide, 2 ft. deep, course NW. Asc. 170 ft.
over rocky NE. slope.

On top of slope, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.
in the ground for the $\frac{1}{4}$ sec. cor., with brass cap
marked

Chains

$\frac{1}{4}$ S 29
S 32

1925

from which

A pinon pine, 6 ins. in diam., bears N. $76\frac{1}{2}^{\circ}$ E.,

128 lks. dist., marked $\frac{1}{4}$ S 29 B T.

A pinon pine, 8 ins. in diam., bears S. $1\frac{3}{4}^{\circ}$ W.,

93 lks. dist., marked $\frac{1}{4}$ S 32 B T.

Continue over rolling land.

75.10 Leave heavy timber, bears N. and S., and enter scatter
timber.

80.06 The cor. of secs. 29, 30, 31 and 32.

Land, rolling; general drainage NW.

Soil, sandy clay loam; 3rd rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

N. $89^{\circ} 48'$ W., on a random line, bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.85 Intersect W. bdy. of the township, at the cor. of secs.
25, 30, 31 and 36; hereinbefore described.

Thence

S. $89^{\circ} 48'$ E., on a true line, bet. secs. 30 and 31.

Over rolling land, thru heavy timber, and medium under-
growth.

38.85 On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins.

in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap

marked

$\frac{1}{4}$ S 30
S 31

1925

from which.

SUBDIVISION OF T. 43-S., R. 12 E.

A scrub juniper, 10 ins. in diam., bears N. 58° E.,
25 lks. dist., marked B T. Too gnarled for further
marking.

A juniper, 10 ins. in diam., bears S. 37½° W.,
35 lks. dist., marked ¼ S 31 B T.

Continue over rolling land.

Old road, bears NE. and SW.

Leave heavy timber, bears N. and S. and continue on
scattered timber.

The cor. of sec. 29, 30, 31 and 32.

Land, rolling; general drainage E.

Soil, sandy clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, sagebrush, black brush and mountain rue.

Fair grazing.

S. 0° 3' E., bet. secs. 31 and 32.

Over rolling land, then scattered timber and mod-
undergrowth.

Enter heavy timber, bears E. and W.

On rolling land

Set an iron post, 3 ft. long, 1 in. in diam., ins.
in the ground, for the ¼ sec. cor., with brass cap
marked

S 31 | S 32

1925

from which

A pinon pine, 13 ins. in diam., bears S. 82½° E.,

38 lks. dist., marked ¼ S 32 B T.

A pinon pine, 12 ins. in diam., bears S. 32° W.,

73 lks. dist., marked ¼ S 31 B T.

Continue over rolling land.

Intersect Utah-Arizona State Boundary line, N. 89° 51' E.,

14.12 chs. dist., from the 190th mile post, which is
heretofore described. At point of intersection.

SUBDIVISION OF T. 43 S., R. 12 E.,

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., over cross, X, chiseled in the solid sandstone surface rock, and in a large mound of stone, for the closing cor, of sec. 31 and 32, with brass cap marked

T 43 S R 12 E .

CC

S 31 | S 32

ARIZ.

1925

from which

A pinon pine, 6 ins. in diam., bears N. $31\frac{1}{4}^{\circ}$ E.,

22 lks. dist., marked T 43 S R 12 E S 32 CC BT.

A pinon pine, 6 ins. in diam., bears N. $28\frac{1}{2}^{\circ}$ W.,

67 lks. dist., marked T 43 S R 12 E S 31 CC BT.

Land, rolling; general drainage NE.

Soil, sandy clay loam and rocky sandy clay; 4th rate.

Timber, pinon pine and juniper.

Undergrowth, black brush, sagebrush and mountain rush.

Fair grazing.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Lines Designated	True Bearing	Dist-ances chs	Latitudes		Departures	
			N	S	E	W
E.bdy. T43S R12E	North	449.11	449.11	.....	.....	.....
N.bdy. T43S R12E	West	478.27	.....	.....	.....	478.27
W.bdy. T43S R12E	South	449.85	.....	449.85	.....	.....
S.bdy. T43S R12E						
on Utah-Arizona						
State Boundary						
line						
	N. $89^{\circ}56'E$	64.79	....08	.....	64.79	.....
	N. $89^{\circ}51'E$	79.52	....21	.....	79.52	.....
	East	79.94	....31	.....	79.94	.....
	East	79.76	.....	.....	79.76	.....
	S. $89^{\circ}49'E$	93.82	.....	....30	93.82	.....
	N. $89^{\circ}57'E$	81.24	....07	.....	81.24	.....
Convergency			.....	.....	.....	....55
Totals			449.47	450.15	479.07	478.82
Error in latitude				.68		
Error in departure					7.25	

GENERAL DESCRIPTION.

The land embraced in this township consists of rolling top of Piute Mesa, and covers approximately half of the township, and the remainder of the township is very rough and broken by deep canons and high ledges, and drains E. and W. into Nokai Canon, course North. As the general drainage on top of mesa is North, and as the general course of Nokai Canon is North the drainage of the whole township may be termed as North.

On the top of Piute Mesa the soil is of a sandy clay, and sandy loam formation, over a sandstone bedrock, which varies from surface sandstone to about ten feet below surface. This sandstone is of a red formation. The soil as a whole on top of mesa can be rated as third and fourth rate. The soil on the east slope of Nokai Canon is of a rocky sandy clay formation, over a solid sandstone formation. The soil varies in depth and can not be accurately approximated. Near the west rim of Nokai Canon ^{it} is mostly white sandstone surface rock. Nokai Canon thru this township is a deep gorge in the solid sandstone, and has no fertile areas along bottom. The west slope of Nokai Canon is mostly a solid sandstone surface rock, white in color. A little sand is found along draws and in the extreme eastern portion. Except in a few places on the top of Piute Mesa the soil on this entire area may be classed as fourth rate.

A medium growth of pinon pine and juniper is found on the top of mesa, and a very scattered growth throughout the rest of the township.

The top of Piute Mesa affords fair grazing for stock during the winter months when water is found in 'tanks' eroded in the solid surface rock, and is covered with a medium growth of native grasses, sagebrush, black brush, mountain rush and amole plant. On the slopes of Nokai Canon is found a sparse growth of the same species of undergrowth, and would afford fair grazing

GENERAL DESCRIPTION.

but that it is too rough and broken for practical grazing land.

The only live water supply that was found is in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of S. 24, and is a very small seep.

Water may be found in 'tanks' in any part of this township during the winter months or after a hard rain. At the time this survey was made there was only one tank that contained any water. This tank was found about 20.00 chs. South, on the line, bet. secs. 13 and 14.

We found no surface indications of coal or mineral. The exposed surface structure tends to show that this township lies in a synclinal fold, which leads us to believe that oil-bearing sands may be found. This township lies about 10 miles South of the San Juan river.

There are no settlers on this township, except a few families of Navajo Indians that move from one place to another. A small field on the line between Secs. 8 and 17 is cultivated by these Indians. The magnetic declination could not be taken because of defective needles, on both instruments.

FINIS.

Wrote by
S. H. H.

BOOK A-486

FIELD ASSISTANTS.

NAME

CAPACITY

Sidney R. Reese

Principal Assistant.

Chas. Sleeper

Chairman.

Kimball D. Williams

Chairman.

Henry Snyder

Chairman.

Joe Hunt

Flagman

Frank Wyatt

Cornetman.

William Sampson

Cornetman.

CERTIFICATE OF UNITED STATES SURVEYOR.
AND TRANSITMAN.

Chas. F. Moore, U.S. Surveyor
Edie S. C. Smith, U. S. Transitman

We, ~~U. S. Surveyor~~, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 24th day of September, 1923, I have well, faithfully, and
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-
tions, and the laws of the United States, surveyed all those parts or portions of Retracement and
Resurvey of the Utah-Arizona State Boundary line, between the 189th
and 195.2th mile posts; and the original survey of the west boundary
and subdivision of T. 43 S., R. 12 E.

of the Salt Lake Base

and Meridian, in the State of Utah, which are represented
and date diagram us our on dates shown on di-
the foregoing field notes/as having been executed by ~~me~~, and under ~~my~~ direction; and that all the corner
said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

Certified to at Kayenta, Chas. F. Moore
Ariz, on Mar 23, 1926 U. S. Surveyor
Certified to at Salt Lake City, Utah Edie S. C. Smith
February 17, 1925 U. S. Transitman

OFFICE OF THE UNITED STATES Supervisor of Surveys
~~Subordinate General~~

November 2, 1927., 1927

The foregoing field notes of the ~~survey~~ retracement and resurvey of the Utah-
Arizona Boundary Line between the 189 and 195.2 mile corners; and survey
of West Boundary and Subdivision of T. 43 S., R. 12 E., S. L. B. & M.,

executed by Chas. F. Moore, U. S. Surveyor, and Edie S. C. Smith, U. S. Transitman,
under ~~the~~ special instructions dated September 24, 1923, 1923, having be-
critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
they describe, are hereby approved.

U. S. Supervisor of Surveys
~~Subordinate General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

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BOOK A-486

JAN 25 1929

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

THE STANDARD PARALLEL SOUTH THROUGH RANGE 12 EAST, THE WEST

BOUNDARY AND SUBDIVISION

OF

T. 41 S., R. 12 E.

Of the Salt Lake Base And Meridian,

State of Utah

EXECUTED BY

Chas. F. Moore

Willis W. Bandy

Eddie S.C. Smith

ies and Transitman
in capacity of U. S. Surveyors, under instructions dated September 24, 1923,by the United States Surveyor General to govern surveys included in
No. 154, which were approved by the Commissioner of the General LandOctober 12, 1923, Assignment instructions dated
September 27, 1924, and supplemental assignment instruction dated
April 1, 1925, and January 12, 1926.

Survey commenced April 15, 1925.

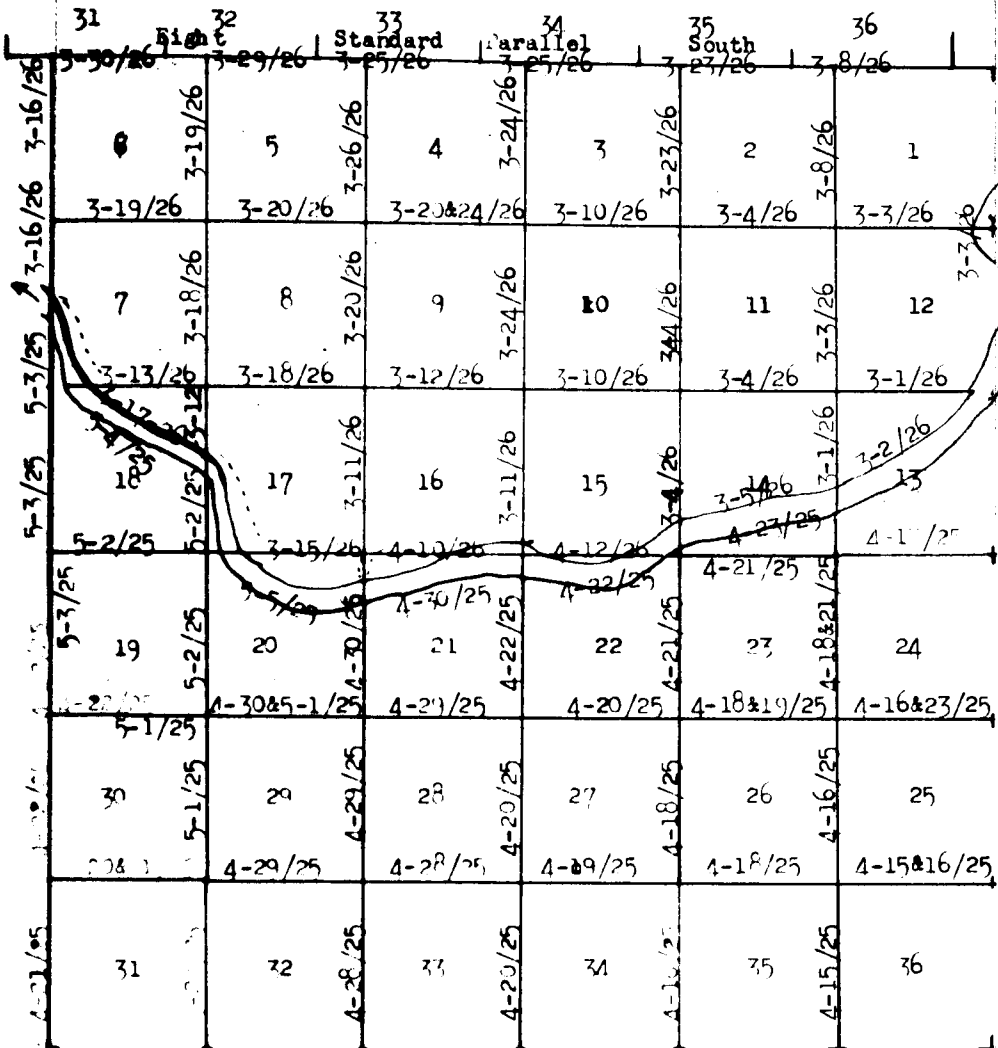
Survey completed April 13, 1926.

INDEX DIAGRAM.

Township 41 South, Range 12 East											
11			9			8			7		
20	6	100	5	79	4	64	3	48	2	37	1
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18	7	97	8	76	9	62	10	46	11	34	12
	95		95		76		60		46		33
17	18	93	17	73	16	59	15	44	14	31	13
	92		90		73		56		43		30
15	19	89	20	70	21	55	22	42	23	28	24
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	82		81		67		51		39		23
13	31	80	32	66	33	50	34	38	35	22	26

Meanders of the right and left banks of San Juan River,
on pages 101 to 113 inclusive.

DATE DIAGRAM.



Lines colored and dated in green were surveyed by
Chas. J. Moore, U.S. Surveyor in 1925.

Lines colored and dated in black were surveyed by
Edie A.C. Smith, U.S. Transition in 1925.

Lines colored and dated in red were surveyed by
Willis E. Bandy, U.S. Surveyor in 1926.

Survey commenced April 15, 1925, and suspended May 5, 1925, during this period all of the portion of the township lying to the south of the San Juan River was surveyed by Chas. F. Moore, U.S. Surveyor, and Edie S. C. Smith, U.S. Transitman, using Young & Sons light mountain transits Nos. 8396 and 8544 respectively. The survey of the portion to the north of the river was again taken up by Willis E. Bandy, U.S. Surveyor, March 1, 1926, using instrument No. 8544.

The instruments were approved for use on this survey by the Assistant Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated Sept. 27, 1924, and supplemental assignment instructions dated Jan. 12, 1926.

The instruments are equipt with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations made on Polaris, proceed as follows:

Test Transit No. 8396:

April 15, 1925: At station near the cor. of secs. 26, 27, 34 and 35, T. 41 S., R. 12 E., in approximate latitude $37^{\circ} 11' N.$, longitude $110^{\circ} 33' W.$; at 4h 0m p.m., app.t., I set off $37^{\circ} 11' N.$ on the lat. arc; $9^{\circ} 52' N.$ on the decl. arc; and determine a meridian with the solar, noting a definite object on sky line about 1 $\frac{1}{2}$ miles distant, in the line thus determined.

At 5h 55.4m p.m., l.m.t., I observe Polaris at western elongation, and mark the mean point in the line thus determined by a tack in a stake driven firmly in the ground, about 15 chs. N.

Azimuth of Polaris at western elongation = $1^{\circ} 23' 00''$.

I lay off the azimuth of Polaris $1^{\circ} 23'$ to the east and note a definite object on sky line about 12 miles distant. The meridian as previously determined by the solar agrees within $1' 30''$ of the true meridian as defined by Polaris observation.

April 16: At 8h 6m a.m., app.t., I set off $37^{\circ} 11'$ on the lat. arc; $10^{\circ} 6'$ N. on the decl. arc; and determine a meridian with the solar which I find to agree within $1'$ of the true meridian.

At apparent noon with the instrument in the meridian and the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $10^{\circ} 9'$ N., which agrees within $2'$ of the computed declination of the sun.

Test No. 8544:

April 18: At the above station, using the Polaris meridian as established April 15th, I set off $37^{\circ} 11' N.$ on the lat. arc; $10^{\circ} 55'$ N. on the decl. arc; and determine a meridian with the solar, at 3h 15m p.m., app.t.; the meridian thus determined agrees with the true meridian.

April 19: At 8h 30m a.m., app.t., I set off $37^{\circ} 11' N.$ on the lat. arc; $11^{\circ} 10'$ N. on the decl. arc; and determine a meridian with the solar which I find to agree within $1' 30''$ of the true meridian.

Test of No. 8544 in 1926:

March 3, 1926: At station near the cor. of secs. 1, 2, 11 and 12, in approximate latitude $37^{\circ} 15' N.$, longitude $110^{\circ} 37' W.$; at 8h 46m p.m., l.m.t., I observe Polaris at western elongation, making four observations two each with the telescope in direct and reversed

positions, and mark the mean point in the line thus determined, on a stake driven firmly in the ground, about 10 chs. N.

Azimuth of Polaris at western elongation = $1^{\circ} 22'$.

March 4: I lay off the azimuth of Polaris, $1^{\circ} 22'$ to the east and mark the meridian thus determined, by a stake driven firmly in the ground, 10 chs. N.

At 3h 0m a.m., app.t., I set off $37^{\circ} 15'$ N. on the lat. arc: $6^{\circ} 34'$ S. on the decl. arc: and determine a meridian with the solar which I find to agree within $1'$ of the true meridian.

At apparent noon with the lat. arc unchanged, I observe the sun on the meridian: the resulting reading of the declination arc is $2^{\circ} 31'$ S., which agrees with the computed declination of the sun.

At 3h 15m p.m., app.t., with the lat. arc unchanged, I set off $6^{\circ} 29'$ S. on the decl. arc: and determine a meridian with the solar which I find to agree within $1' 30''$ of the true meridian.

As all the solar observations during the usual hours of solar work came within $1' 30''$ of the true meridian, we conclude that the adjustments of the instruments are satisfactory.

The instruments were kept in good adjustment throughout the progress of the survey. This township was surveyed in conjunction with the townships to the east, south and west. For final tests see same.

Measurements:

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5-chains in length, compared with Lufkin steel standard tape 1-chain in length and found correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances.

Eighth Standard Parallel South, Through Range 12 E.

Eighth Standard Parallel South, R. 12 E.

From the witness cor. to the standard cor. of T. 40 S.,
Rs. 12 and 13 E., which is an iron post 3 ins. dia.,
recently established by me and described in official
returns of T. 41 S., R. 13 E., Group No. 153, and
which is 27 lks. east of true point for said cor.:
thence counting distance from the true cor. point.

West along S. bdy. sec. 36.

Over rough, broken and rocky land, through short scatter-
ed brush: descending general W. slope over broken
sandstone ledges and surface rock.

4.75 Vertical sandstone rim, 100 ft. high, on E. side of
canyon, bears N. and E.; descend abrupt W. slope.

9.30 Bottom of Castle Wash Canyon, 425 ft. below to. cor.,
drains S.: small pools of water along the wash.

Ascend abrupt E. slope.

0.00 Set an iron post, 3 ft. long, 1 in. dia., over cross
(X) cut in sandstone surface rock, supported by a
mound of stone, 5 ft. base, 2 ft. high, for standard
sec. cor., with brass cap marked

SC
4 136

1926

No other suitable accessories available.

Cor. stands 15 ft. above bottom of canyon.

Continue ascent over broken, ledgy E. slope, 535 ft. to

5.00 Top of spur, projects E.; descend SW. slope 235 ft. to

0.00 On surface rock, mark a cross (X), over which,

Set an iron post, 3 ft. long, 2 ins. dia., supported by
a large mound of stone, for standard cor. of secs.
35 and 36, with brass cap marked

SC
T40S | R12E
S35 | S36

1926

No other suitable accessories available.

Chains

Cor. stands in depression draining SE.

Land, rough and broken; general E. and W. exposures; drainage S.

Soil, rocky in form of ledges and surface rock, and shallow sandy loam and loose sand; 3rd & 4th rates. Undergrowth, scattered black brush, mountain rush and buck brush.

No timber.

West along S. bdy. sec. 35.

Over broken land facing E. and SE., through few scattered scrub juniper and short undergrowth; ascending over surface rock, 900 ft. to $\frac{1}{2}$ sec. cor.

40.00 On sandstone surface rock, mark cross (X), over which; Set an iron post, 3 ft. long, 1 in. dia., supported by large mound of stone, for standard $\frac{1}{2}$ sec. cor., with brass cap marked

SC
$\frac{1}{2}$ S35

1926

No other suitable accessories. Scrub juniper within limits but too scrubby to mark.

Continue ascent of 425 ft. to sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 28 ins. in the ground, for standard cor. of secs. 34 and 35, with brass cap marked

SC	
T40S	R12E
S34	S35

1926

from which

A juniper, 8 ins.diam., bears N.62°E., 31 lks. dist., marked T40S R12E S35 SC BT

A juniper, 6 ins.diam., bears N.55°W., 57 lks. dist., marked T40S R12E S34 SC BT

Corner stands on top of ridge, bearing N. and S.20°W.

Land, broken with general E. and SE. exposure and drainage.

Eighth Standard Parallel South, Through Range 12 E.

Soil, mostly sandstone surface rock, with shallow sand and sandy loam; 3rd and 4th rates.

Undergrowth, scattered black brush, mountain rush and buck brush.

Timber, very scattered scrub juniper.

West, along S. bdy. of sec. 34.

Over broken mesa land through scattered undergrowth and scrub juniper; gradually descending W. slope.

33.70 Begin descent over NW. slope of 100 ft. into draw.

39.00 Bottom of draw, 230 ft. below sec. cor., drains SW.; ascend SE. slope 30 ft. to

40.00 On surface rock, cut cross (X), over which Set an iron post, 3 ft. long, 1 in. dia., supported by a large mound of stone, for standard 1/2 sec. cor., with brass cap marked

SC
T40S R12E
S33 S34

1026

No other suitable accessories available.

2.50 Top of ascent from draw, 75 ft. above cor.; continue over rolling mesa with slight E. slope.

5.00 Top of rise on mesa, bears N. and SW.; thence over gentle W. slope.

40.00 Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to bedrock, and supported by a mound of stone, for standard cor. of secs. 33 and 34, with brass cap marked

SC
T40S R12E
S33 S34

1926

from which

A juniper, 5 ins. diam., bears N. 89° E., 6 lks. dist., marked BT (scrubby)

A juniper, 9 ins. diam., bears N. 55° W., 143 lks. dist., marked T40S R12E S33 SC BT

Land, rolling and broken mesa; general SW. exposure and drainage.

Chains

Soil, sandstone surface rock and shallow sand; 3rd and 4th rate.

Undergrowth, scattered black brush, mountain rush, manzanita and cactus.

Timber, scattered scrub juniper.

West, along S. bdy. sec. 33.

Over broken mesa land, through scattered undergrowth and short scrub juniper; descending general westerly and southwesterly slopes.

18.00 Descend over low rims, bears N. and S., and head of draw, drains N.80°E.

40.00 On general E. slope, 380 ft. below sec. cor.,
On sandstone surface rock, cut cross (X), over which,
Set an iron post, 3 ft. long, 1 in. dia., supported by a mound of stone, 1 ft. base, 30 ins. high, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
T40S R12E
S32 S33

1926

from which

A juniper, 4 ins.diam., bears N.84°E., 47 lks.
dist., marked BT (scrubby)
A juniper, 4 ins.diam., bears N.59°E., 78 lks.
dist., marked BT (scrubby)

80.00 On surface rock, cut cross (X), over which,
Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for standard cor. of secs. 32 and 33, with brass cap marked

SC
T40S R12E
S32 S33

1926

from which

A juniper, 6 ins.diam., bears N.9°E., 72 lks.
dist., marked BT (scrubby)

No other suitable tree within limits for bearing tree.

Land, broken mesa with W. and SW. exposure and drains

Soil, sandstone surface rock, and loose, shallow sand:
3rd and 4th rates.

Undergrowth, scattered black brush, manzanita, mountain
rush, ooze, cactus and white sage.

Timber, scattered short, scrub juniper.

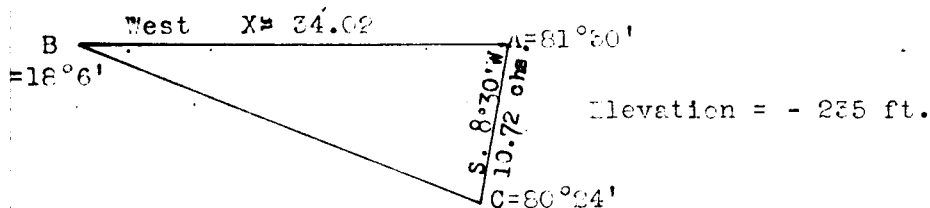
Sec. cor. stands 350 ft. below 2 sec. cor.

West, along S. bdy. sec. 32.

Over rough, broken breaks of mesa through scattered
undergrowth and few scattered juniper.

0.26 Rim of canyon, bears NE. and SW. The line to the west
follows along the breaks of canyon, rimmed with
vertical ledges, which make chaining impracticable,
therefore triangulate as follows:

Erect flag "A" at this point, set flag "B" on line to
west on top of spur point, then measure base line
"AC" S. $8^{\circ}30'$ W., 10.72 chs. dist. to point whence
"AB" subtends angle of $80^{\circ}24'$. Vertical angle - 6° .



Previous distance = 0.26
Triangulation dist. 34.02
total = 34.28

0.00 Approximate distance; bottom of canyon, 400 ft. deep,
draining NW. from NE.

4.00 Approximate distance: rim of canyon, bears NE. and SW.

4.28 To point "B" of triangulation, on top of N. point of
spur and ledge from the S.; thence by direct measure-
ment to

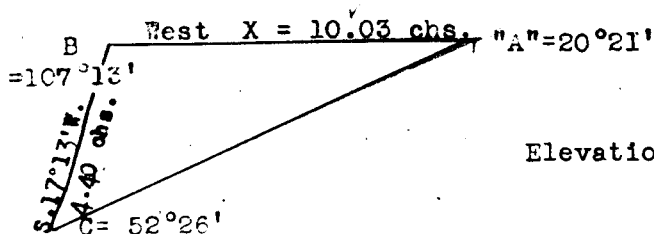
5.34 Rim of mesa and canyon, bears NE. and SW.; down which
I cannot chain, therefore triangulate as follows:

Erect flag "A" at the 35.34 ch. point and set flag "B"
on line to west on NW. slope of canyon, then from "B"
measure base line "BC" S. $17^{\circ}13'$ W., 4.40 chs. dist.

Chains

to point whence "AB" subtends angle of $52^{\circ} 26'$

Vertical angle from "A" to "B" = $- 28^{\circ}$



Elevation = 350 ft.

Previous distance = 35.34 chs.

Triangulation distance 10.03 "

45.37

By return measurement 5.37

40.00 On W. slope of canyon, 300 ft. below spur and ledge,
Set an iron post, 3 ft. long, 1 in. dia., 15 ins. in
the ground to bedrock and supported by a mound of
stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marke

SC
 $\frac{1}{4}$ S32

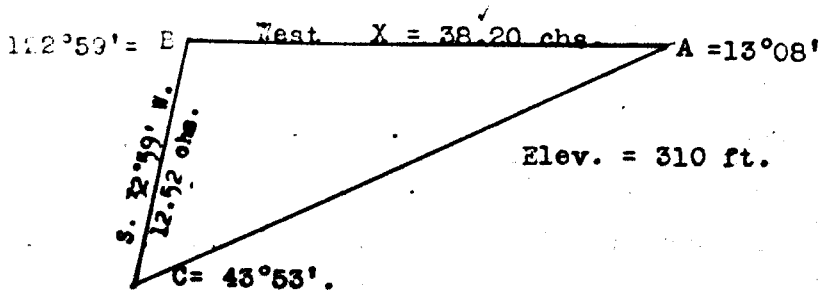
1926

At base of monument, deposit a sandstone, 6x4x2 ins.,
marked with a cross (X).

Thence by direct measurement.

47.60 Bottom of canyon, 90 ft. below $\frac{1}{4}$ sec. cor. and 390 ft.
below E. rim, drains SW.; ascend SE. slope, 125 ft.
to

51.00 Base of sandstone rim about 400 ft. high, over which
I am unable to chain. The rim bears NE. and SW.
Being unable to triangulate from this point, return
to point left at 35.34 chs. which designate "A" and
set flag "B" on line West of canyon, thence from "B"
measure a base line "BC" S. $32^{\circ} 59'$ W., 12.52 chs.
(longer base impracticable) dist. to point whence
"AB" subtends angle of $43^{\circ} 53'$. Vertical angle from
"A" to "B" = plus 7° .



Eighth Standard Parallel South, Through Range 12 E.

Previous distance 35.34 chs.
Triangulation dist 38.20 "
73.54

- 39.54 To point of triangulation. thence by direct measurement.
- 44.90 Top of sandstone hogback, 40 ft. above point of triangulation and 740 ft. above bottom of canyon at 47.60 chs., bears NE. and SW.; descend over NW. slope, 150 ft. to cor.
- 50.00 Set an iron post, 3 ft. long, 2 ins. dia., 20 ins. in the ground to bedrock, and supported by a mound of stone, for standard cor. of secs. 31 and 32, with brass cap marked

SC	
T40S	R12E
S31	S32

1926

from which

- A juniper, 6 ins. diam., bears N. 19° E., 105 lks.
dist., marked BT (scrubby)
- A juniper, 5 ins. diam., bears N. 20° E., 200 lks.
dist., marked BT (scrubby)

Land, rough, broken breaks of mesa and canyon; E. and W. exposures; drainage SW.

Soil, sandstone bedrock, and shallow sand; 3rd and 4th rates.

Undergrowth, scattered black brush, mountain rush, buck brush and oose.

Timber, few scattered scrub juniper.

West, along S. bdy. sec. 31.

Over broken mesa land through scattered undergrowth and few scrub juniper; descending NW. slope, mostly sandstone bedrock.

- 7.70 Draw, 250 ft. below sec. cor., drains SW.; continue descent.

- 10.00 On general W. slope, 320 ft. below sec. cor.,

On sandstone bedrock, cut cross (X) over which,

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in

Eighth Standard Parallel South, through

Chains

a mound of stone, for standard $\frac{1}{4}$ sec. cor., with
cap marked

SC
 $\frac{1}{4}$ S31

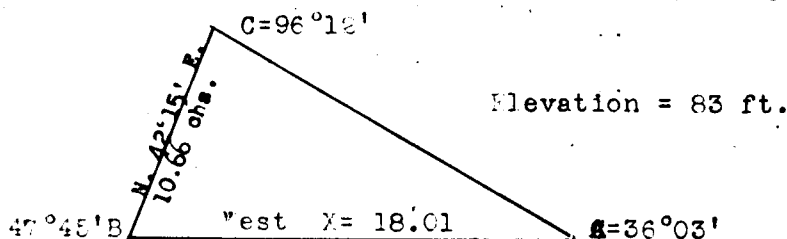
1926

from which

A juniper, 6 ins. diam., bears N.30°E., 194 lks.
dist., marked BT (scrubby)

48.20 Barren sandstone hogsback, 125 ft. above $\frac{1}{4}$ sec. cor.,
bears NE. and SW.: descend 105 ft. to

50.25 The line to west of this point passes over box canyon
and ascends over sharp sandstone hogsbacks, making
chaining impossible, therefore triangulate as follow
Erect flag "A" at this point and set flag "B" on line
to the west, then from "B" measure a base line "BC"
N. 42°15'E., 10.66 chs. dist. to point whence "AB"
subtends angle of 36°12'. Vertical angle = plus 4°.



Previous distance = 50.25 chs.
Triangulation distance = 18.01 "
68.26 "

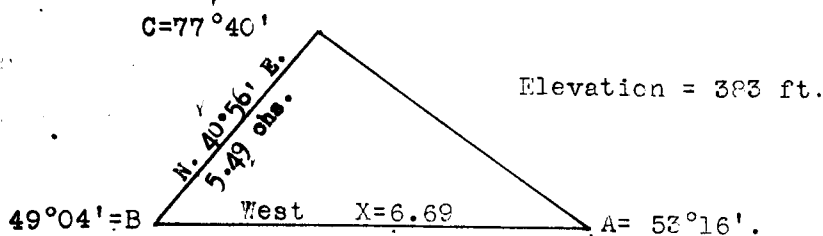
55.00 Approximate distance: bottom of canyon, 300 ft. deep,
drains SW.

56.75 To point of triangulation on top of sandstone hogsback,
bears NE. and SW.: thence by direct measurement to

58.75 The line to west descends over vertical sandstone rim
down which it is impracticable to chain, therefore
triangulate as follows:

Set flag "A" at this point and flag "B" on line to west
then from "B" measure a base line, "BC" N.40°56'E.,
5.49 chs. dist. to point whence "AB" subtends angle
of 77°40'. Vertical angle from "A" to "B" = - 41°.

Eighth Standard Parallel South, Through Range 12 E.



Previous distance = 69.75 chs.
 Triangulation distance = 6.69 chs.
 76.44 "

- 76.44 To point of triangulation on steep NW. slope: thence by direct measurement, descending steep NW. slope, 140 ft. to tp. cor.
- 90.00 Set an iron post, 3 ft. long, 3 ins. dia., 28 ins. in the ground, for standard cor. of T. 40 S., Rs. 11 and 12 E., with brass cap marked

SC
 T40S
 R11E | R12E
 S28 | S31

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Cor. stands on steep NW. slope, 580 ft. below the 69.75 ch. point.

Land, rough, broken mesa land, cut by canyons and sharp sandstone ridges; drainage SW.

Soil, mostly sandstone bedrock with shallow sand and sandy loam: 3rd and 4th rates.

Undergrowth, scattered black brush, mountain rush, ooze, cactus, shalscale and bunch grass.

Timber, few scattered scrub juniper.

WEST BOUNDARY OF T. 41 S., R. 12 E.

From the corner of townships 41 and 42 south, ranges 11 and 12 east, which is an iron post, 3 ins. dia., properly set, marked and witnessed as described in official returns of T. 42 S., R. 12 E. this Group. North on true line along W. bdy. of tp., bet. secs. 31 and 36.

Chains

Over rough and low broken, rocky land with general westerly exposure, through short scattered undergrowth.

9.80 Small alkali seep on line, drains SW.

26.70 Wash, 10 lks. wide, 2 ft. deep, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 16 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S36	|	S31
	1925	

At base of monument deposit a sandstone, 8x3x3 ins., marked with a cross (X).

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 6 ins. in the ground to bedrock, and supported by a mound of stone, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T41S	
R11E	R12E
S25	S30
S36	S31
1925	

At base of monument, deposit a sandstone, 8x7x6 ins., marked with a cross (X).

Land, rough and broken; general westerly exposure; drainage SW. and W.

Soil, rocky of sandstone formation, and shallow sandy clay loam: 3rd rate.

Undergrowth, scattered shadscale and black brush.

No timber.

North, bet. secs. 25 and 30.

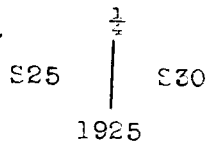
Over rough, rocky land, through scattered undergrowth.

39.60 Small draw, drains NW.

40.00 On sandstone surface rock, cut cross (X), over which, Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap

West Boundary of T. 41 S., R. 12 E.

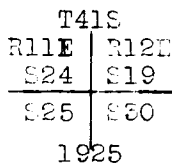
marked



No other accessories available.

Corner stands on N. edge of a very small alkali seep, draining NW.

On sandstone surface rock, cut cross (X), over which Set an iron post, 3 ft. long, 2 ins. dia., 30 ins. in a mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap marked



No other suitable accessories available.

Land, rough general westerly exposure and drainage.

Soil, rocky of sandstone formation with shallow sand and clay: 3rd rate.

Undergrowth, scattered shadscale and black brush.

No timber.

North, bet. secs. 19 and 24.

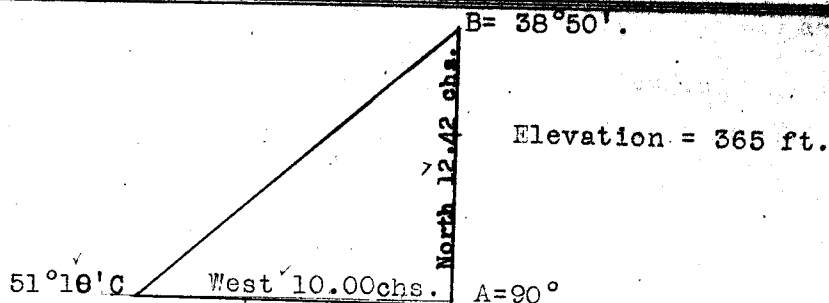
Over rough, broken land lying under W. rim of Piute Mesa, through short scattered undergrowth.

A small seep spring of good water, 1/2 lk. wide, 1 in. deep, drains NW.

The line to the north passes up precipitous rim of Piute Mesa, over which it is impracticable to chain, therefore triangulate as follows:

Erect flag "A" at this point and set flag "B" on line at top of rim, then, from "A" measure a base line "AC" West, 10.00 chs. dist. to point whence "A" subtends angle of 51°10'. Vertical angle "AE" = plus 24°.

Chains



Previous distance = 4.87 chs.
 Triangulation distance = 12.42
 17.29 "

17.29 Point of triangulation on top of rim facing SW. of Piute Mesa, 450 ft. above sec. cor., bears N.47°W. and S.47°E.; thence by direct measurement: over brok top of mesa, ascending through medium undergrowth.

35.00 Line passes to east of large sandstone dome.

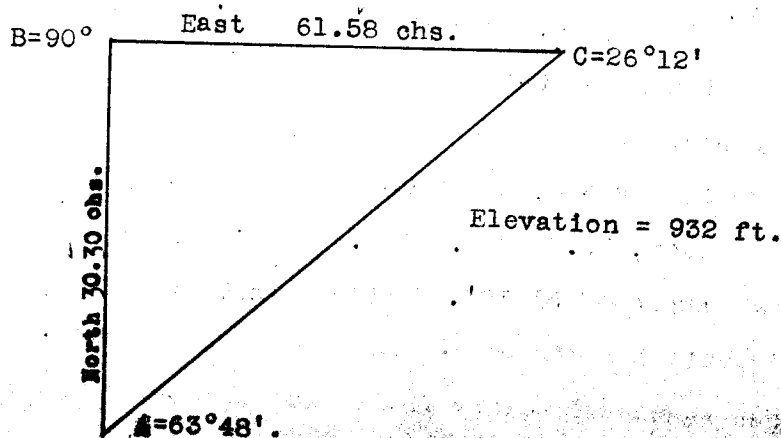
40.00 On top of Piute Mesa, 400 ft. above rim,
 On sandstone surface rock, cut cross (X), over which,
 Set an iron post, 3 ft. long, 1 in. dia.; supported
 by a mound of stone, 5 ft. base, 30 ins. high, for
 1/4 sec. cor., with brass cap marked

S24
 |
 S19
 1925

Noother suitable accessories available.

49.82 NE. rim of Piute Mesa, approximately 400 ft. high,
 bears NW. and SE., down which I cannot chain, therefor
 triangulate as follows:

Erect flag "A" at this point and set flag "B" on line North, then from "B" measure a base line "BC" East, 61.58 chs. dist. to point whence "AB" subtends angle of 26° 12'. Vertical angle "AB" = - 25°.



INDEX DIAGRAM.

Township 36 North, Range 5 West

	1	2	3	4	5	6
	15	11	10	9	8	7
	18	14	15	16	17	18
38	24	25	26	21	20	19
36	28	29	30	25	28	29
34	32	33	34	29	32	31
30	36	37	38	33	36	35

9

Blank

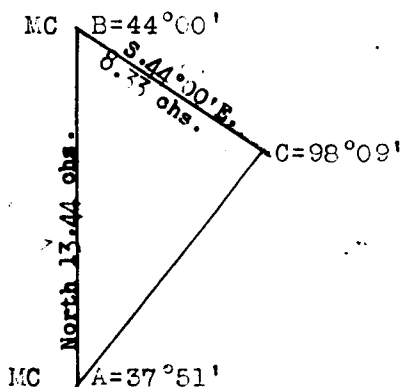
Page

West Boundary of T. 41 S., R. 12 E.

Deposit a sandstone, 6x8x10 ins., marked with a cross (X), at base of monument.

Thence by triangulation across river, stream approximately 4 chs. wide, 3 ft. or more in depth, flows NW.

Set flag "A" at the M. C. on left bank and flag "B" on line on opposite bank, then from "B" measure a base line "BC" S.44°00' E., 8.33 chs. dist. to point from which "A" bears S.37°51' W.

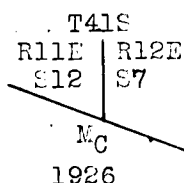


Previous distance = 28.90 chs.
 Triangulation dist. = 13.44 "
42.34

10.00 True point for $\frac{1}{2}$ sec. cor. falls in river.

12.34 To point of triangulation and mean high water mark of right bank of San Juan River,

Set an iron post, 3 ft. long, 1 in. dia., 30 ins. in the ground, for meander cor. of secs. 7 and 12, with brass cap marked



Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Thence over bottom land, through medium growth of willows and rabbit brush.

16.00 Leave bottom land and medium undergrowth, enter rough, broken bad lands, bears E. and W.; ascend abruptly 200 ft. over S. slope to sec. cor.

20.00 Set an iron post, 3 ft. long, 2 ins. dia., 27 ins. in

West Boundary of T. 41 S., R. 12 E.

Chains

in the ground, for cor. of secs. 1, 6, 7 and 12,
with brass cap marked

T41S	
R11E	R12E
S1	S6
S12	S7
1926	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of
cor.

Land, rough and broken, mountainous in character;
general N. and S. exposures into San Juan River,
course NW.

Soil, rocky of sandstone formation, with clay and sand;
deep sandy loam along bottom lands of river; 3rd and
4th rate.

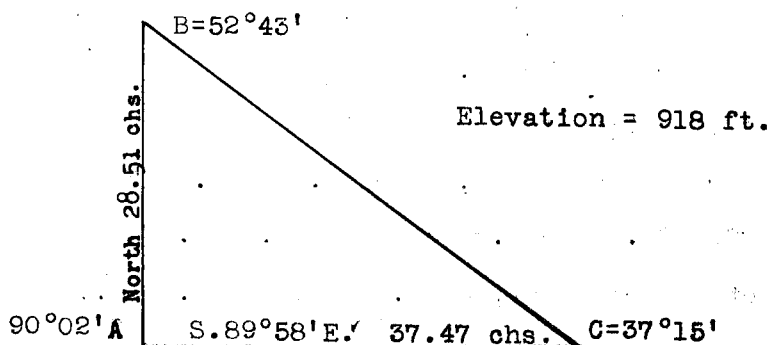
Undergrowth, scattered shadscale and black brush, except
along river bottom where dense willows and rabbit
brush grow.

No timber.

North, bet. secs. 1 and 6.

Over rough broken land through scattered undergrowth;
the line to the N. ascends the precipitous S. rim of
mesa which cannot be chained; triangulate from sec.
cor. as follows:

Designate cor. of secs. 1, 6, 7 and 12 "A" and set flag
"B" on line North on top of rim, then from "A" measure
a base line AC" S.89°58'E., 37.47 chs. dist. to point
from which "B" bears N.52°43'W. Vertical angle "AB"
= plus 26°.



West Boundary of T. 41 S., R. 12 E.

Triangulated distance 28.51 chs.

28.51 To point "B" of triangulation on top of a sandstone rim, 200 ft. high and 920 ft. above sec. cor., bears E. and W.; thence by direct measurement. Continue over broken land.

40.00 On W. slope of surfacerock, 120 ft. below rim, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S1 | S6
 1926

No other suitable accessories available.

44.00 Wash, 10 lks. wide, 3 ft. deep, in small draw, 30 ft. deep, drains SW.

54.20 Small spur, 30 ft. high, projects SW.

62.20 Wash, 20 lks. wide, 6 ft. deep, in bottom of draw, 30 ft. deep, drains SW.; thence ascend over broken SE. slope of ledges.

77.10 The S. base of inaccessible butte over which I am unable to chain, to pass butte I offset as follows.

West, 65 lks. dist.

North, 2.38 chs. dist.

East, 65 lks. dist. to:

79.48 Point on true line at N. base of butte; thence on true line.

79.79 Intersect the Eighth Standard Parallel South, East, 29.84 chs. dist. from the standard cor. T. 40 S., Rs. 11 and 12 E., heretofore described.

At point of intersection, on broken SE. slope, 300 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for closing cor. T. 41 S., Rs. 11 and 12 E, with brass cap marked.

West Boundary of T. 41 S., R. 12 E.

Chains

T40S R12E

831

S1

R11E R12E

T41S

00

1926

Deposit a sandstone, 14 x 14 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered sagebrush, shadscale, mountain rush and amole.

No timber.

SUBDIVISION, T. 41 S., R. 12 E.

From the cor. secs. 1, 2, 35 and 36, on the S. bdwy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 12 E. N. 0°01' W., bet. secs. 35 and 36.

Descend gradually along broken SW. slope through scattered undergrowth.

9.00 Small draw, 60 ft. below cor., drains NW.; continue gradual descent.

17.80 Draw, 160 ft. below cor., drains NW.; continue gradual descent.

40.00 On N. side of small draw, 60 ft. below last, draw, drains NW.

Set an iron post, 3 ft. long, .1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

4

835 | 836

1925

chains

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Thence ascend gradually over broken SW. slope.

80.00 On broken land, on SW. slope, 130 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

T41S	R12E
S26.	S25.
S35	S36

1925

From which,

A number of stock brands under which I mark X B0, bears S. 15°15' E., 68 lks. dist.

A number of ancient Indian hieroglyphics, under which I mark X B0, bears S. 17°30' W.,

The above markings are made on two large sandstone boulders.

Land, broken, with a general northwesterly and southwesterly exposure and drainage.

Soil, shallow, loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and amole.

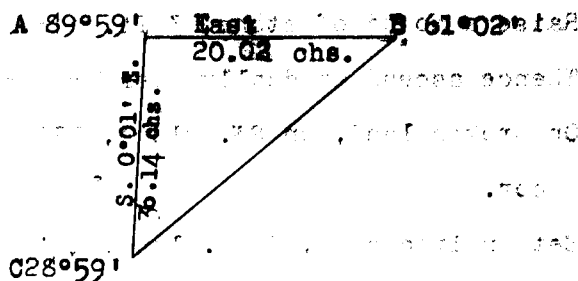
No timber..

East, on random line bet. secs. 25 and 36.

Line to the E. of the cor. secs. 25, 26, 35 and 36, passes over the inaccessible W. breaks of No Mans Land Mesa, over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 25, 26, 35 and 36, and flag "B" on line to the E. From flag "A", measure base line "AC", S. 0°01' E., 36.14 chs., from which point, flags "AB" subtend an angle of 28°59'.

Chains

541

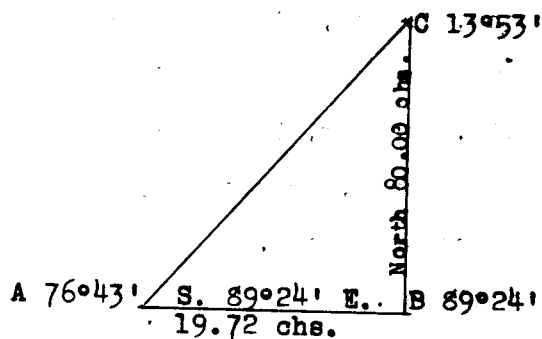


Distance by triangulation 20.21 chs.

20.02 To point "B" of triangulation; thence by chaining.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.58 Top of abrupt descent over inaccessible E. breaks of No Mans Land Mesa, I therefore triangulate as follows. Erect flag "A" at this point, the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, "B", and the cor. secs. 19, 24, 25 and 30, on the E. bdy. of the township, "C". From flag "A", flag "B" bears S. $89^{\circ}24'$. From flag "B", flag "C", bears North, 80.00 chs. dist. From flag "A", flags "BC" subtend an angle of $76^{\circ}43'$. Vertical angle "A" to "B" is minus $32^{\circ}42'$.



Distance on line
Distance by triangulation

60.58 chs.
19.72 chs.
80.30 chs.

80.30 To point "B" of triangulation at the cor. secs. 25, 30, 31 and 36, on the E. bdy. of the township, which is an iron post, 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 13 E.

The bearing of this line therefore is N. $89^{\circ}51'$ W., and the distance is 80.30 chs.

Subdivision T. 11 S. R. 12 E.

- Thence
 N. $89^{\circ} 51'$ W. on true line bet. secs. 25 and 36
 By triangulation, over the inaccessible E. breaks of
 No Mans Land Mesa; through scattered undergrowth and
 timber.
- 19.72 Top of E. breaks of mesa, 840 ft. above corner, bears
 NW. and SE.; thence over the broken top of mesa by
 chaining.
- 40.15 It being impracticable to get the regulation iron sur-
 vey posts to the top of No Mans Land Mesa, therefore
 at this point on surface rock mark a cross (X), over
 which
 Set a hard red sandstone $20 \times 8 \times 4$ ins., 15 ins. in a
 mound of stone, marked $\frac{1}{4}$ on N. face, for $\frac{1}{4}$ sec. cor.
 secs. 25 and 36, from which
 A juniper, 6 ins. diam., bears S. 47° E. 9 lks.
 dist., marked $\frac{1}{4}$ S36 BT
 A juniper, 6 ins. diam., bears N. 64° W. 135 lks.
 dist., marked $\frac{1}{4}$ S25 BT
 Continue over broken top of mesa.
- 60.28 Top of W. breaks of No Mans Land Mesa, bears NW. and SE.
 Thence by triangulation over inaccessible W. breaks of
 mesa.
- 80.30 To point "A" of triangulation at the corner of sections
 25, 26, 35 and 36, 800 ft. below top of mesa.
 Land, broken top and E. and W. breaks of the No Mans
 Land Mesa.
 Soil, shallow sand and rock; 3d rate.
 Undergrowth, scattered black brush, shadscale, mountain
 brush, and yellow top. Timber scattered scrub juniper.
-
- N. $0^{\circ} 01'$ W. bet. secs. 25 and 26
 Ascend gradually over broken W. slope of W. breaks of
 No Mans Land Mesa; through scattered undergrowth.

Chains.

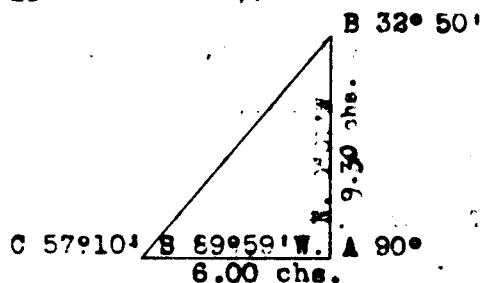
- 2.00 Small seep of good water, bears west 50° lbs. distance
 40.00 On steep N. slope, 210 ft. above sec. cor.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in
 ground to bed-rock and 18 ins. in a mound of stone for
 sec. cor., with brass cap marked

825
 1925

Deposit a sandstone 10 x 10 x 4 ins. at base of post,
 marked with a cross (X).

No other suitable accessories available.

- 45.00 Base of perpendicular wall on W. breaks of No Mans Land
 Mesa, bears NW. and SE., over which I am unable to
 chain. I therefore triangulate as follows: Erect flag
 "A" at the sec. cor. and flag "B" on line to the W.
 From flag "A" measure base line "AC" S. 89° 59' W.
 6.00 chs. dist. from which point flags "AB" subtend
 an angle of 57° 10'



Distance on line	40.00 chs.
Distance by triangulation	9.30 "
	<hr/> 49.80 chs.

- 49.00 To point "B" of triangulation at top of W. breaks of No
 Mans Land Mesa, bears NW. and SE., 350 ft. above the
 sec. cor.; thence by chaining over broken top of mesa
 50.00 On broken top of No Mans Land Mesa. It being impractic-
 able to get the regulation iron posts to this point,
 Set a sandstone 20 x 10 x 8 ins. 15 ins. in the ground,
 marked with 2 notches on S. edge and 1 notch on E.
 edge for cor. of secs. 23, 24, 25, and 26.
 Deposit a sandstone 10 x 10 x 5 ins. at base of corner
 monument, marked with a cross (X)
 No other suitable accessories available.

Subdivision T. 41 S. R. 12 E.

Chains.

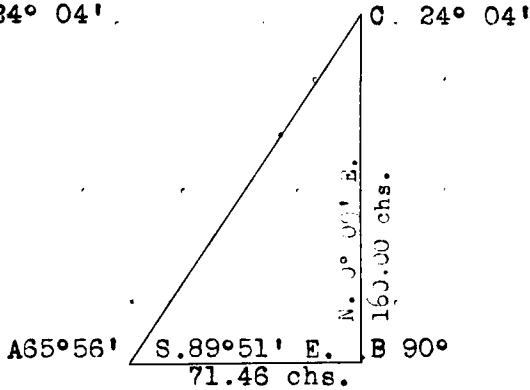
Land, broken W. breaks of No Mans Land Mesa, with a general westerly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3d rate.

Undergrowth, scattered shadscale, black brush, mountain rush, and yellow top. No timber.

S. 89° 51' E. on random line bet. secs. 24 and 25

The inaccessible E. breaks of No. Mans Land Mesa make chaining on line to the east of this point impracticable. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the east. From flag "B" measure base line "BC" N. 0° 09' E. 160.00 chs. dist. from which point flags "AB" subtend an angle of 24° 04'.



Distance on line	8.74 chs.
Distance by triangulation	71.46 "
	<hr/>
	80.20 chs.
Distance by return measurement	40.10 "
	<hr/>
	40.10 chs.

To point "B" of triangulation at a point 3 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is an iron post 2 ins. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey of

T. 41 S. R. 13 E. Thence :

N. 89° 52' W. on true line bet. secs. 24 and 25.

Over broken NE. slope; through scattered undergrowth.

Enter rolling bench land; bears NW. and SE.

At base of inaccessible E. breaks of No Mans Land Mesa

Chains.

bears NW. and SE. 315 ft. above sec. cor.,
Set an iron post 3 ft. long, 1 in. diam., 12 ins. in the
ground to solid rock and 18 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{824}{825}$
1925

Deposit a sandstone 6 x 6 x 6 ins. at base of post,
marked with a cross (X)

No other suitable accessories available.

Thence by triangulation over inaccessible E. breaks of
mesa.

71.46 Top of E. breaks of No. Mans Land Mesa, 1150 ft. above
corner on E. bdy. of the township, bears NW. and SE.
Thence by chaining over broken top of mesa.

30.20 The cor. of secs. 23, 24, 25, and 26.

Land, broken, with a general northeasterly exposure
and drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

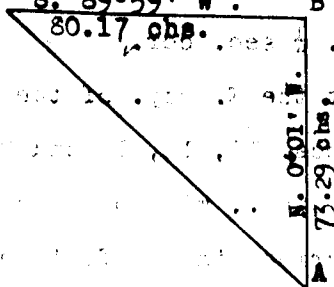
Undergrowth, scattered shadscale, mountain rush, black
brush, and yellow top.

No timber.

N. 0° 01' W. bet. secs. 23 and 24,

Over broken top of No Mans Land Mesa; through scattered
undergrowth.

6.60 Top of N. breaks of No Mans Land Mesa, bears NW. and SE
over which I am unable to chain. I therefore triangulate
as follows: Erect flag "A" at this point and
flag "B" on line to the north. From flag "B" measure
base line "BC" S. 89° 59' W. 80.17 chs. dist., from
which point, flags "AB" subtend an angle of 143° 23' 01"



Distance on line 6.60 chs.
 Distance by triangulation 73.29 chs.
 Distance by return measurement 79.89 chs.
 39.89 chs.
 40.00 chs.

40.00 On broken N. slope of surfacerock, 830 ft. below top of mesa, among large sandstone boulders, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.; with brass cap marked.

S23 S24

1925

No other suitable accessories available.

53.50 Small draw, drains NW.; continue descent.

75.40 Old road, bears E. and W.

79.89 To point "B" of triangulation; thence by chaining.

80.00 On surfacerock, 300 ft. below the $\frac{1}{4}$ sec. cor.; mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. sec. 13, 14, 23 and 24, with brass cap marked.

T41S R12E
 S14 S13

S23 S24

1925

No other suitable accessories available.

Land, broken N. breaks of No Man's Land Mesa, with a general northerly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3r rate.

Undergrowth, scattered blackbrush, shadscale, mountain rush and yellow top.

No timber

Chains

- S. 89°52' E., on random line bet. secs. 13 and 24.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect the E. bdy. of the township, 19 lks. S. of the cor. secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam., with brass cap, set, marked and witness as described in the finished notes of the survey T. 41 S., R. 13 E.
- Thence, West, a true line bet. secs. 13 and 24.
- Over rough, broken land through scattered undergrowth.
- 3.80 Old road, bears SE. to Kayenta, Arizona and NW. to Zahns mining camp.
- 19.00 Wash, 30 lks. wide, 3 ft. deep, drains N.
- 40.08 On broken land.
- Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- S13
- S24
- 1925
- Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).
- No other suitable accessories available.
- 67.35 Same road as last, bears NE. and SW.
- 80.16 The cor. secs. 13, 14, 23 and 24.
- Land, broken, with a general northeasterly exposure and drainage.
- Soil, shallow, rocky, clay, and sand; 3rd rate.
- Undergrowth, scattered shadscale, mountain rush, black-brush and yellow top.
- No timber.
- General northern exposure.
- Soil, shallow, rocky, clay, and sand; 3rd rate.
- Undergrowth, scattered black-brush and yellow top.

N. 0°01' W., bet. secs. 13 and 14.

Over broken N. slope through scattered undergrowth.

Top of breaks on S. side of San Juan River, bears E. and W.; thence over broken S. breaks of river.

The mean high water mark of the left bank of San Juan River, 210 ft. below sec. cor., bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and 24 ins. in a mound of stone, for meander cor. secs. 13 and 14, with brass cap marked.

MC

S14	S13
T41S	R12E

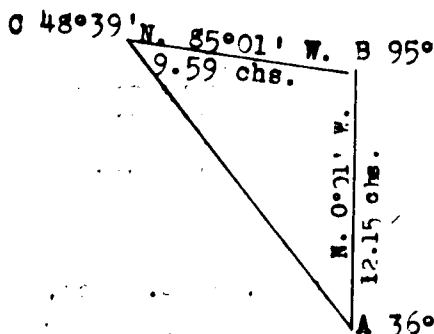
1925

Deposit a sandstone, 3 x 7 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

River at this point is a stream about 5 chains wide and 3 ft. deep, which flows in a westerly direction.

Thence across river by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. 85°01' W., 9.59 chs. dist., from which point, flags "AB" subtend an angle of 48°39'.



Distance on line	7.64 chs.
Distance by triangulation	12.15 chs.
	19.79 chs.
Distance by return measurement	4.29 chs.
	15.50 chs.

The mean high water mark of the right bank of San Juan River, bears E. and W.

Chain

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, for meander cor., secs. 13 and 14, with brass cap marked.

T41S	R12E
S14	S13

NO

1926

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.
Thence by chaining over broken N. breaks of river.

19.79 To point "B" of triangulation at top of N. breaks of the San Juan River, 220 ft. above meander cor., bears E. and W.; thence over rolling land.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S14	S13
-----	-----

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

76.40 Wash, 50 lks. wide, 6 ft. deep, drains E.

79.00 Wash, 30 lks. wide, 3 ft. deep, drains SE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 11, 12, 13 and 14, with brass cap marked.

T41S	R12E
S11	S12

S14	S13
-----	-----

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, black-brush and yellow top.

No timber.

Chains

East, on true line bet. secs. 12 and 13.

Over rolling bench land through scattered undergrowth.

5.00 Stream, 6 lks. wide, 3 ins. deep, in bottom of Castle Wash, 100 lks. wide, 6 ft. deep, flows S.

24.00 Base of abrupt ascent over steep SW. slope, bears NW. and SE.

27.70 Spur, 140 ft. above sec. cor., projects S.; descend gradual E. slope.

33.80 Top of abrupt descent over SE. slope, bears NE. and SW.

40.00 On abrupt SE. slope, 130 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S12 \\ \frac{1}{4} \\ S13 \\ 1926 \end{array}$$

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

40.50 Enter rolling bench land, bears NE. and SW.

72.62 The mean high water mark of the right bank of San Juan River, bears NE. and SW.

On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. secs. 12 and 13, with brass cap marked.

$$\begin{array}{r} T41S \\ S12 \\ S13 \\ R12E \end{array} \begin{array}{l} / \\ / \\ / \\ / \end{array} \begin{array}{l} \\ MC \\ \\ \end{array}$$

1926

No other suitable accessories available.

Note: The point for the cor. secs. 7, 12, 13 and 18, on the E. bdy. of the township, falls in the San Juan River.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

Chain

N. 0°01' W., bet. secs. 11 and 12, over broken SE. slope of Castle Wash, through scattered undergrowth.

40.00 On broken SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. above ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

§11 | §12

1926

Deposit a sandstone, 5 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

74.70 Gulch, 40 ft. deep, drains E.; ascend abrupt S. slope.

78.00 Enter rolling bench land, bears NE and SW.

80.00 On rolling bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for cor. secs. 1, 2, 11 and 12, with brass cap marked.

T419 | R12E

S2 | S1

§11 | §12

1926

Deposit a sandstone, 20 x 12 x 10 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling and broken, with a general easterly exposure and drainage.

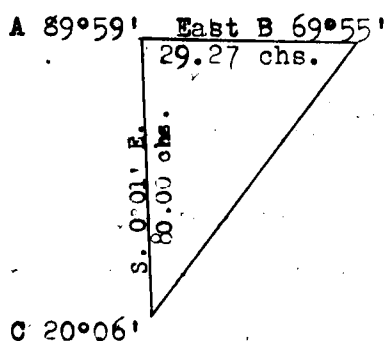
Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth; scattered blackbrush, shadscale, mountain rush and yellow top.

No timber.

East; be true line bet. sec. 11 and 12. Descend gradually over broken E. slope through scattered undergrowth.

13.75 Stream of good water, 5 lks. wide, 3 ins. deep, in bottom of Castle Wash, 130 ft. below cor., drains S. The line to the E. of this point passes over the inaccessible W. breaks of mesa over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 1, 2, 11 and 12, and flag "B" on line E. Designate the cor. secs. 11, 12, 13 and 14, "C", and from which point, "AB" subtends an angle of $20^{\circ}06'$.



Distance by triangulation 29.27 chs.

29.27 To point "B" of triangulation at top of W. breaks of mesa, bears N. and S., 730 ft. above stream; thence by chaining over broken top of mesa, through scattered timber.

40.00 On surface rock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S1
 $\frac{1}{4}$
S12

1926

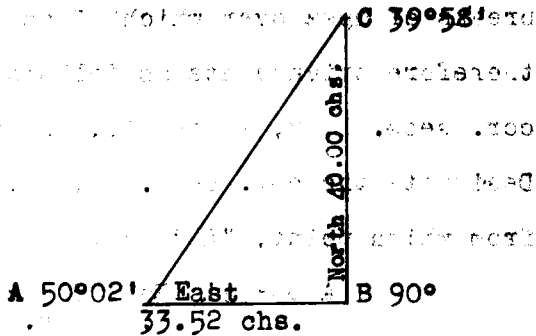
From which, A juniper, 9 ins. diam., bears N. $69^{\circ}15'$ E., 67 lks. dist., marked $\frac{1}{4}$ S1 BT.

A juniper, 10 ins. diam., bears S. 32° E., 50 lks. dist., marked $\frac{1}{4}$ S12 BT.

44.25 Top of E. breaks of mesa over which I am unable to chain, bears N. and S., I therefore triangulate to the

Chains

mean high water mark of the right bank of the San Juan River as follows. Erect flag "A" at this point and "B" at the mean high water mark of right bank of San Juan River. From flag "B", measure base line "BC", North, 40.00 chs. dist., from which point, flags "AB" subtend an angle of $39^{\circ}58'$.



Distance on line	44.25 chs.
Distance by triangulation	33.52 chs.
	77.77 chs.

77.77 To point "B" of triangulation at the mean high water mark of the right bank of San Juan River, 860 ft. below top of mesa, bears N. and S.

Set an iron post, .3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and 15 ins. in a mound of stone, for meander cor. secs. 1 and 12, with brass cap marked.

T418
S1

MC

S12
R12E

1926

Deposit a sandstone, 8 x 8 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Note: The point for the cor. secs. 1, 6, 7 and 12, on the E. bdy. of the township, falls in the San Juan River.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, rocky, clay and sand; 3rd rate.

Undergrowth, scattered blackbrush, mesquite, mountain rush and yellow top.

Timber, scattered scrub juniper on E. portion of mile.

to 1000 ft. on true line bet. secs. 1 and 2.
 Over broken S. slope of bench land through scattered
 undergrowth.
 On surface rock, 320 ft. above the sec. cor., mark a
 cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for 1/4 sec. cor., with brass cap marked.

S2	S1
----	----

1926

No other suitable accessories available.
 Draw, 70 ft. deep, drains E.; ascend gradual S. slope.
 Top of ascent, 60 ft. above draw, bears E. and W.;
 descend gradual N. slope.
 Draw, 80 ft. below top of descent, drains E.; ascend
 abrupt S. slope of ledges.
 Intersect the Eighth Standard Parallel South, East, 27.04
 chs. dist. from the standard cor. secs. 35 and 36,
 heretofore described.
 At point of intersection, on surface rock, 240 ft. above
 draw.
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 a mound of stone, for closing cor. secs. 1 and 2,
 with brass cap marked.

T40S R12E
 S36

S2	S1
T41S	R12E
0	0

1926

No other suitable accessories available.
 Land, rolling and broken, with a general southeasterly
 exposure and drainage.
 Soil, shallow loose sand, clay and rock; 3rd rate.
 Undergrowth, scattered, shade scale, mountain rush, yellow
 top and black rush.
 No timber.

Chains

From the cor. secs. 2, 3, 34 and 35, on the N. side of the township, which is an iron post, 3 ft. long, 1 in. diam., with brass cap, set, marked and witnessed as described in finished notes of the survey T. 42 N., R. 12 E., S. 34. N. 0°01' W., bet. secs. 34 and 35.

Over broken land through scattered undergrowth.

1.90 Wash, 30 lks. wide, 2 ft. deep, drains NW.

15.00 Wash, 30 lks. wide, 3 ft. deep, drains NW.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

T41S	R12E
S27	S26
S34	S35
1925	

Deposit a sandstone, 6 x 6 x 3 ins., at base of post; marked with a cross (X).

No other suitable accessories available.

43.40 Trail, bears NW. and SE., in wash, 30 lks. wide, 3 ft. deep, drains NW.

49.00 Same trail, bears NE. and SW.

52.10 Bottom of Nokai Canyon, drains NE.

53.00 Sandstone rimrock, 30 ft. high, bears NE. and SW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 26, 27, 34 and 35, with brass cap marked.

T41S	R12E
S27	S26
S34	S35

1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, clay, sand, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

Chains	East, on random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersept the N. and S. line, 3 lks. S. of the cor. secs. 25, 26, 34 and 35.
	Thence,
	S. $89^{\circ}59'$ W., on true line bet. secs. 26 and 35.
	Descend gradual SW. slope of broken land through scattered undergrowth,
14.80	Ravine, 300 ft. below cor., drains NW.; continue descent.
32.15	Draw, 140 ft. below ravine, drains SW.; continue descent.
39.99	On broken land.
	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} 826 \\ \frac{1}{4} \\ \hline 835 \\ 1925 \end{array}$
	Deposit a sandstone, 8 x 7 x 3 ins., at base of post, marked with a cross (X),
	No other suitable accessories available.
77.45	Bottom of Nokai Canyon, 330 ft. below the $\frac{1}{4}$ sec. cor., drains N., 2.00 chs. dist., thence W. Trail in bottom of canyon, bears N. and S.
79.98	The cor. secs. 26, 27, 34 and 35, 50 ft. above bottom of canyon.
	Land, broken, with a general westerly exposure and drainage.
	Soil, shallow, rocky, clay and sand; 3rd rate.
	Undergrowth; scattered shadscale, mountain rush, yellow top, and blackbrush.
	No timber.

Chains

N. 0°01' W., bet. secs. 26 and 27.

Over broken land through scattered undergrowth.

1.90 Bottom of Nokai Canyon, 40 ft. below cor., drains W.;

trail in bottom of canyon, bears NW. and E.; ascend

over rimrock, 20 ft. high, bears W. and SE.

33.80 Wash, 20 lks. wide, 3 ft. deep, drains SW.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S27	S26
1925	

Deposit a sandstone, 20 x 14 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

48.30 Land becomes more broken, bears NW. and SE.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 22, 23, 26 and 27, with brass cap marked.

T41S	R12E
S22	S23
S27	S26
1925	

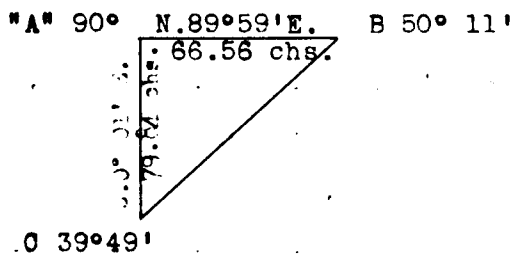
Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow, rocky, clay, and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

Chains.
 85.00 S. 89° 59' E. on random line bet. secs. 23 and 26,
 45.00 Set temp. $\frac{1}{4}$ sec. cor.
 45.00 Inaccessible W. breaks of No Mans Land Mesa make chain-
 ing to the east of this point impracticable. I there-
 fore triangulate to top of mesa as follows: Erect flag
 "A" at the cor. of secs. 22, 23, 26, and 27 and flag "B"
 on line to the E. From flag "A" measure base line "AC"
 S. 0° 01' E. 79.84 chs. dist., from which point flags
 "AB" subtend an angle of 39° 49'.



Distance by triangulation 66.56 chs.
 66.56 To point "B" of triangulation; thence by chaining.
 80.30 Intersect the N. and S. line 18 lks. N. of the corner of
 sections 23, 24, 25, and 26. Thence
 N. 89° 53' W. on true line bet. secs. 23 and 26
 Over broken top of No Mans Land Mesa; through scattered
 undergrowth.
 13.74 Top of W. breaks of mesa bears NW. and SE. Thence by tri-
 angulation over inaccessible W. breaks of mesa.
 35.30 Thence by chaining.
 40.15 At base of abrupt descent, 640 ft. below top of mesa
 bears NW. and SE.
 Set an iron post 3 ft. long, 1 in. diam. 16 ins. in the
 ground to bed-rock and 14 ins. in a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{823}{826}$

1925

Deposit a sandstone 36 x 20 x 18 ins. at base of post
 marked with a cross (X)

No other suitable accessories available.

Chains.
80.30

To point "A" of triangulation at the cor. of secs. 22, 23, 26 and 27, 320 ft. below the $\frac{1}{4}$ sec. cor. Land, broken, with a general westerly exposure and drainage. Soil, shallow, rocky, sand and clay; 3d rate. Undergrowth, scattered shadscale, mountain-rush, yellow top and black brush. No timber.

N. 0° 01' W. bet. secs. 22 and 23,

Over broken land; through scattered undergrowth.

40.00

On broken land,

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bed-rock, and 15 ins. in a mound of petrified wood, for $\frac{1}{4}$ sec. cor., with brass cap marked

S22 | S23

1925

Deposit a sandstone 12 x 12 x 6 ins. at base of post marked with a cross (X).

No other suitable accessories available.

46.40

Road bears NE. and SW.

64.50

Top of sandstone rim 50 ft. high bears NE. and SW.

77.40

Small draw, drains SW., 130 ft. below the $\frac{1}{4}$ sec. cor.

80.00

On gradual SW. slope of cobblestone ridge.

Set an iron post 3 ft. long, 2 ins. diam. 27 ins. in the ground for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T41S | R12E

S15 | S14

S22 | S23

1925

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.

Land, broken, with a general northwesterly exposure and drainage.

and 20

Soil, shallow rocky clay, and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.

No timber.

S. 89°53' E., on random line bet. secs. 14 and 23.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the N. and S. line, 12 lks. S. of the cor.
secs. 13, 14, 23 and 24.

Thence,

N. 89°53' W., on true line bet. secs. 14 and 23.

Over broken land through scattered undergrowth.

Small draw, drains NW.

Small draw, drains NW.

On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground, to bedrock and 20 ins. in a mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

S14

S23

1925

Deposit a sandstone, 10 x 9 x 3 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Wash, 15 lks. wide, 3 ft. deep, drains NW.

Road, bears SE. to Kayenta, Arizona, and NW. to Zahne
mining camp.

Same road, bears NE. and SW.

Draw, 30 ft. deep, drains SW.

The cor. secs. 14, 15, 22 and 23,

Land, broken, with a general northeasterly and north-
westerly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth, scattered blackbrush, shadscale, mountain
rush and yellow top.

No timber.

Chains

N. 0° 01' W., bet. secs. 14 and 15, willads, 1108
Over broken land through scattered undergrowth.

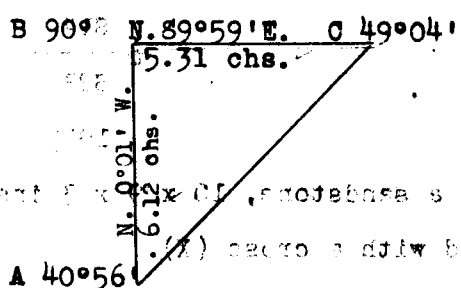
16.62 The mean high water mark of the river bank of the San Juan
River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
ground, for meander cor. secs. 14 and 15, with brass
cap marked.

815 814
741 742

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of
River at this point is a stream about 5 chains wide and
deep; which flows in a southwesterly direction. To
cross river, I triangulate as follows: Erect flag "A"
at this point and flag "B" on line to the N. From flag
"B", measure base line "BC", N. 89° 59' E., 53.31 chs.
dist., from which point, flags "AB" subtend an angle of
49° 04'.



Distance on line 16.62 chs.
Distance by triangulation 16.12 chs.
22.74 chs.

22.74

To point "B" of triangulation at the mean high water mark
of the right bank of San Juan River, bears NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
ground, for meander cor. secs. 14 and 15, with brass
cap marked.

815 814
741 742

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of
River at this point is a stream about 5 chains wide and
deep; which flows in a southwesterly direction. To
cross river, I triangulate as follows: Erect flag "A"
at this point and flag "B" on line to the N. From flag
"B", measure base line "BC", N. 89° 59' E., 53.31 chs.
dist., from which point, flags "AB" subtend an angle of
49° 04'.

3230 Top of abrupt ascent, bears NE. and SW.; thence ascend gradual SE. slope.

4
S15 | S14
1926

Thence descend gradual NE. slope.

80.00 True point for the cor. secs. 10, 11, 14 and 15, falls in wash, 20 lks. wide, 3 ft. deep, drains SW., where it is impracticable to set a permanent cor.

T41S	R12E
S10	S11
S15	S14

WO

1926

Soil, shallow, loose, sand, clay and rock; 3rd rate.

No timber.

1. The above information was obtained from a review of the files of the FBI, New York Office, and the files of the FBI, New York Office, and the files of the FBI, New York Office.

Chains

From the true point for the corner to 10, direct and
which is S. 0°01' W. 27 lines distant from the
to said secs. WE Lauberg
S. 89°55' E., on random line bet. secs. 11 and 14. 00.00
40.00 Set, temp. & sec. cor.,
80.12 Intersect the N. and S. line, 14 like
secs. 11, 12, 13 and 14.
Thence,
S. 89°56' W., on true line bet. secs. 11 and 14.
Over broken land through scattered undergrowth.
1.00 Wash, 50 lks. wide, 3 ft. deep, drains SE. to
40.06 On broken land, .180 ft. above sec. corner
Set an iron post, 3 ft. long, 1 in. diam., 16 lbs.
ground to bedrock and 14 ins. in a mound of stone, for
1/4 sec. cor., with brass cap marked
S11
S14
1926
Deposit a sandstone, 14 x 15 x 10 ins., at base of post,
marked with a cross (X).
No other suitable accessories available.
77.20 Top of sandstone rimrock, 70 ft. high, bears N. and S.
80.12 The true point for the cor. secs. 10, 11, 14 and 15.
Land, broken, with a general southeasterly and southwest
exposure and drainage.
Soil, shallow loose sand and rock, 3rd rate.
Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.
No timber.
From the true point for the corner to 10, 11, 14 and 15
N. 0°01' W., bet. secs. 10 and 11.
Over broken SW. slope through scattered undergrowth.
.27 The witness cor. to the cor. secs. 10, 11, 14 and 15.
8.00 Top of sandstone rimrock, 70 ft. high, bears NW. and SE.
thence ascend gradually over SE. slope of surface

30.00 On surfacerock, 440 ft. above the true point for the
 cor. secs. 10, 11, 14 and 15, mark a cross (X), over
 (X) which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S10	S11
-----	-----

1926

No other suitable accessories available.

30.00 On top of small elongated knoll, bears E. and W.; mark
 a cross (X), on the surfacerock, over which.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
 mound of stone, for cor. secs. 2, 3, 10 and 11, with
 brass cap marked.

T41S	R12E
S3	S2
S10	S11

1926

No other suitable accessories available.

Cor. is 230 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken, with a general southwesterly exposure
 and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow
 top and blackbrush.

No timber.

N. 89°56' E., on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

50.18 Intersect the N. and S. line, 5 lks. N. of the cor. secs.
 1, 2, 11 and 12.

Thence,

S. 89°58' W., on true line bet. secs. 2 and 11.

Even broken land through scattered undergrowth.

2.20 Small draw, drains SE.

5.20 Small, 40 ft. high, projects SE.

Chains

9.40 Gulch, 60 ft. below spur, drains SE. across gulch slope.

40.09 On surfacerock, 280 ft. above gulch, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 82 \\ \frac{1}{4} \\ \hline 811 \end{array}$$

1926

No other suitable accessories available.

80.18 The cor. secs. 2, 3, 10 and 11, 430 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken, with a general southeasterly exposure and drainage.

Soil, shallow, loose, sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

N. 0°01' W., on true line bet. secs. 2 and 3.

Ascend gradually over broken land through scattered undergrowth.

40.00 On broken SE. slope, 220 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{4} \\ 83 \mid 82 \\ \hline 1926 \end{array}$$

Deposit a sandstone, 6 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

From this cor., the line passes over the inaccessible breaks of high mesa over which I am unable to chain.

I therefore triangulate to top of mesa as follows.

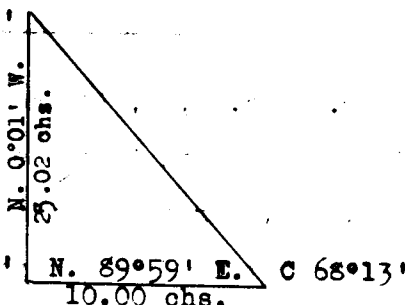
Erect flag "A" at this point and flag "B" on line to

From flag "A", measure base line "AC", N. 89°59' E.

10.00 chs. dist., from which point, flags "AB" subtend

an angle of 68°13'.

B 21°47'



Distance on line

40.00 chs.

Distance by triangulation

25.02 chs.

65.02 chs.

To point "B" of triangulation at top of S. breaks of mesa, 670 ft. above the $\frac{1}{4}$ sec. cor., bears N. and W.; thence over broken top of mesa by chaining, through scattered timber.

Intersect the Eighth Standard Parallel South, East, 26.97 chs. dist. from the standard cor. secs. 34 and 35, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 2 and 3, with brass cap marked.

T40S R12E

S35

S3	S2
T41S	R12E
C C	

1926

From which,

A juniper, 3 ins. diam., bears S. 7° E., 33 lks. dist., marked BT.

A juniper, 6 ins. diam., bears S. 17° W., 82 lks. dist., marked T41S R12E S3 CO BT.

Land, broken, with a general southerly exposure and drainage.

Chains

Soil, shallow, rocky, clay and sand, 3rd class.
Undergrowth, scattered shadscale, mountain wash, yellow
top and blackbrush. and 30.01
Timber, scattered scrub juniper on E. portions of mile.

From the cor. secs. 3, 4, 33 and 34, on the S. bdy. of
township, which is an iron post, 2 ins. diam., with
brass cap, set, marked and witnessed as described in
the finished notes of the survey T. 42 S., R. 12 E.
N. 0°02' W., bet. secs. 33 and 34.

Over broken NE. slope through scattered undergrowth.

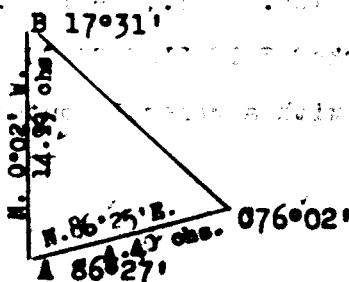
- .40 Small draw, drains E.
- 32.00 Draw, 60 ft. below the sec. cor., drains NE.; continue
gradual descent.
- 40.00 On abrupt SE. slope,
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and 24 ins. in a mound of stone, for
1/4 sec. cor., with brass cap marked.

1/4
S33 | S34
1925

Deposit a sandstone, 12 x 10 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

- 54.10 Perpendicular ledge, 40 ft. high, bears E. and W., which
forms the S. rim of box canyon over which I am unable
to chain, I therefore triangulate as follows. Erect flag
"A" at this point and flag "B" on line to the N. From
flag "A", measure base line "AC", N. 86°25' E., 4.40
dist., from which point, flags "AB" subtend an angle of
76°02'.



Distance on line 54.10 chs.
 Distance by triangulation 14.19 chs.
 68.29 chs.

55.00 Approximate distance; bottom of box canyon, 130 ft. deep, drains E.; ascend inaccessible N. rim of canyon.

68.29 To point "B" of triangulation at top of N. rim of canyon, 130 ft. above bottom, bears E. and W.; thence by chaining over broken top of bench.

72.90 Perpendicular rim of draw, 40 ft. high, bears E. and W.; descend abrupt N. slope.

78.90 Bottom of draw, 240 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend gradually over broken SE. slope.

80.00 On broken SE. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for cor. secs. 27, 28, 33 and 34, with brass cap marked.

T41S	R12E
S28	S27
S33	S34

1925

Deposit a sandstone, 8 x 8 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow, sand, rock, and clay; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

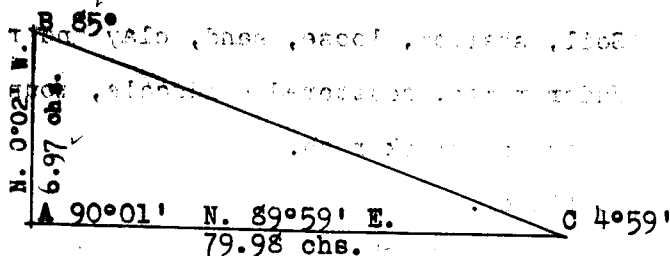
East, on random line bet. secs. 27 and 34.

40.00 Set temp. sec. cor.

79.96 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 26, 27, 34 and 35.

Thence,
 S. 89°59' W., on true line bet. secs. 27 and 34.
 Over broken land through scattered undergrowth.

Chains		
5.00	Bottom of Nokai Canyon, 30 ft. below ...	SW.
6.00	Top of rimrock, 40 ft. high, bears NW. ...	00.50
21.20	Recross Nokai Canyon, drains NW. ...	
29.70	Sandstone rimrock, 40 ft. high, bears NW. ...	09.30
39.99	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock and 16 ins. in a head of stone, for 1/4 sec. cor., with brass cap marked with ...	09.57
	827	
	834	
	1925	
	Deposit a sandstone, 5 x 5 x 3 ins., at base of post, marked with a cross (X).	
	No other suitable accessories available.	
43.00	Land becomes more broken, bears N. and S. ...	
78.00	Small draw, drains NE.	
79.98	The cor. secs. 27, 28, 33 and 34, 60 ft. above draw. Land, broken, with a general northeasterly exposure and drainage.	
	Soil, shallow, rocky, clay and sand; 3rd rate.	
	Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.	
	No timber.	
	N. 0°02' W., bet. secs. 27 and 28, ...	
	Line to the N. of the cor. secs. 27, 28, 33 and 34, passes through scattered undergrowth and over the inaccessible S. breaks of rimrock. To determine the distance to top of breaks triangulate as follows. Designate the cor. secs. 27, 28, 33 and 34, ... the cor. secs. 26, 27, 34 and 35 ... line to the N. and from which point, ... an angle of 85°.	
	Over broken land through scattered undergrowth.	



Distance by triangulation 6,97 chs.

- 6.97 To point "B" of triangulation at top of sandstone rimrock, 200 ft. above cor., bears E. and W.; thence by chaining over broken top of mesa.
- 12.00 Old road, bears NE. to Kayenta, Arizona, and SW. to Zahns mining camp.
- 13.00 Top of abrupt descent over broken N. slope, bears E. and W.
- 26.00 Small draw, 75 ft. deep, drains NE.
- 40.00 On gradual E. slope.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S28 | S27
 1925

- Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
- 41.80 Top of descent over rimrock, 40 ft. high, bears E. and W.
- 59.80 Draw, 180 ft. below the $\frac{1}{4}$ sec. cor., drains E.; ascend gradual S. slope.
- 80.00 On broken S. slope of surfacerock, 50 ft. above draw; mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. secs. 21, 22, 27 and 28, with brass cap marked.

T41S | R12E
 S21 | S22
 S28 | S27

1925

No other suitable accessories available.

Land, broken, with a general easterly exposure and drainage.

Chains

Soil, shallow, loose, sand, clay and rock; 3rd rate.
Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.

No timber.

N. $89^{\circ}59'$ E., on random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the N. and S. line, 1 lks S. of the cor. secs.
22, 23, 26 and 27.

Thence,

S. $89^{\circ}58'$ W., on true line bet. secs. 22 and 27.

Descend abruptly over broken W. slope through scattered
undergrowth.

28.05 Trail, bears N. and S.

30.00 Rimrock, 30 ft. high, bears N. and S.

31.40 Bottom of Nokai Canyon, 270 ft. below cor., drains N.;
ascend abruptly over broken E. slope.

32.65 Rimrock, 45 ft. high, bears N. and S.

39.90 On broken land, 80 ft. above bottom of canyon.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the
ground to bedrock and 26 ins. in a mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ $\frac{S22}{S27}$

1925

Deposit a sandstone, 8 x 8 x 7 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

45.00 Land becomes more broken, bears N. and S.

55.00 Sandstone rimrock, 40 ft. high, bears N. and S.

79.80 The cor. secs. 21, 22, 27 and 28.

Land, broken, with a general northeasterly exposure and
drainage.

Soil, shallow, loose, sand and rock; 3rd rate.

egsnib

signs na bneetna "SA" areit ,dalen notat 1971 ,.tolo

Over broken land through scattered undergrowth.

40.00 On gradual S. slope of gravel hill.

• 232 •

1925

No other suitable accessories available.

47.00	Small wash, 20 lks. wide, 2 ft. deep, drains NE.
-------	--

Mark a cross (X), on the surfacerock, over which:

...found of stone,
...as to the ...

MO

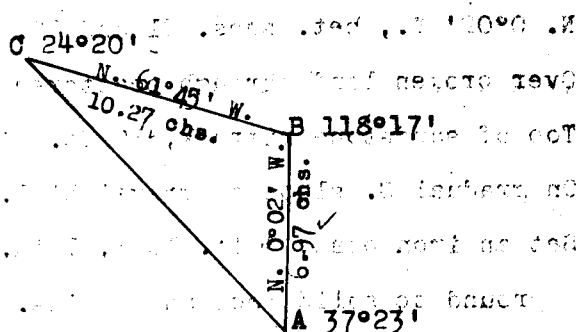
821 822
T418 R122

1925⁴⁸⁰⁵² to 1926 00

River at this point is stream about 5 chains wide, 3 ft. deep, which flows in a westerly direction.

Chains

To cross river, I triangulate as follows. Erect flag at this point and flag "B" on line to the E. From flag "B", measure base line "BC", N. $61^{\circ}45'$ E. 10.27 chs. dist., from which point, flags "AB" subtend an angle $24^{\circ}20'$.



Distance on line	73.65 chs.
Distance by triangulation	6.97 chs.
	<hr/>
	80.62 chs.
Distance by return measurement	.62 chs.
	<hr/>
	80.00 chs.

80.00 Point for the cor. secs. 15, 16, 21 and 22, falls in channel of the San Juan River. Left flag at this point Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and clay; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

N. $89^{\circ}58'$ E., on random line bet. secs. 15 and 22.

.40 Set temp. meander cor.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

64.81 Set temp. meander cor.

From this point, I triangulate across river as follows.

Erect flag "A" at this point and flag "B" on line to the E. From flag "A", measure base line "AC", S. $0^{\circ}02'$ 13.60 chs., dist. from which point, flags "AB" subtend an angle of $27^{\circ}34'$.

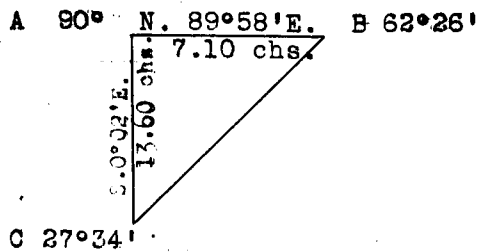
Following distances are given to the

river which flow in a westerly direction

deep

Subdivision T. 41 S. R. 12 E.

Chains.



Distance on line	64.81 chs.
Distance by triangulation	7.10 "
	<hr/> 71.91 chs.

- 71.91 To point "B" of triangulation. Set temp. meander cor.
Thence by chaining.
- 79.90 Intersect the N. and S. line 3 lks. S. of the cor. of secs.
14, 15, 22, and 23. Thence
S. 89° 57' W. on true line bet. secs. 15 and 22,
Over rolling and broken land; through scattered under-
growth.
- 7.99 The mean high water mark of the left bank of San Juan
River bears N. and S. 50 ft. below sec. cor.
Set an iron post 3 ft. long, 1 in. diam., 6 ins. in the
ground to bed-rock, and 24 ins. in a mound of stone,
for meander cor. secs. 15 and 22, with brass cap marked

MC	T41S
	S15
	S22
	R12E

1925

- Deposit a sandstone 7 x 7 x 6 ins. marked with a cross
(X) at base of post.
- No other suitable accessories available.
- Thence by triangulation across river, which at this
point is a stream about 5 chains wide, 3 ft. deep,
and flows in a southerly direction.
- 15.09 Mean high water mark of the right bank of San Juan River
bears N. and S.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for meadner cor. of secs. 15 and 22, with brass
cap marked

Chains.

T41S
S15
S22
R12E

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
Thence by chaining over broken S. slope.

32.00 Spur, 50 ft. high, projects S.

39.95 On broken land,

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to bed-rock, and 10 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S15
S22
1926

Deposit a sandstone 9 x 8 x 7 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

79.50 The mean high water mark of the right bank of San Juan
River, bears NW. and SE.

Mark a cross (X) on the surface rock, over which
Set an iron post 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for meander cor. of secs. 15 and 22,
with brass cap marked

MC / T41S
S15
S22
R12E

1926

No other suitable accessories available.

79.20 The point for the corner of sections 15, 16, 21, and 22
in channel of the San Juan River.

Land, broken, with a general southerly exposure and
drainage.

Soil, shallow, rocky, clay, and sand; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top, and black brush.

No timber.

From the point for the cor. secs. 15, 16, 21 and 22,
which is in the channel of the San Juan River.

N. $0^{\circ}02'$ W., bet. secs. 15 and 16.

Over broken land through scattered undergrowth.

.62 The mean high water mark of the right bank of San Juan
River, bears NW. and SE.

On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

mound of stone, for meander cor. secs. 15 and 16, with
brass cap marked.

T41S R12E
S16 S15

MC

1926

No other suitable accessories available.

On surfacerock, 490 ft. above river bottom, mark a cross
(X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S16 S15

1926

No other suitable accessories available.

The line to the N. of this point passes over the broken
S. breaks of high rim over which it is impracticable to
chain, I therefore triangulate to top of rim as follows.

Return to a point, N. $0^{\circ}02'$ W., 30.04 chs. dist. from
point for the cor. secs. 15, 16, 21 and 22 and erect
flag "A" at this point. Erect flag "B" on line to the
N. at top of rim. From flag "A", measure base line "AC",

S. $49^{\circ}40'$ E., 18.60 chs. dist. from which point, flags

"A" and "B" subtend an angle of $25^{\circ}32'$.

Chains

B 24°06'

A 130°22'

C 25°32'

N. 0°02' W.

19.63 chs.

18.60 chs.

S. 49°40' E.

Distance on line

30.04 chs.

Distance by triangulation

19.63 chs.

49.67 chs.

49.67 To point "B" of triangulation at top of sandstone rim, 1000 ft. above river, bears NE. and SW.; thence by chaining over broken top of mesa.

80.00 On broken top of mesa land.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in ground to bedrock and 18 ins. in a mound of stone, for cor. secs. 9, 10, 15 and 16, with brass cap marked.

T41S	R12E
S9	S10
S16	S15

1926

Deposit a sandstone, 4 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general southerly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rash, yellow top and blackbrush.

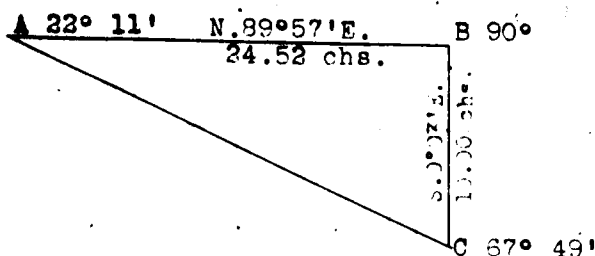
No timber.

N. 89°57' E., on random line bet. secs. 10 and 15.

15.38 Top of abrupt descent over inaccessible sandstone breaks over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC" S. 0°03' E., 10.00 chs. dist., from which point, flag

Subdivision T. 41 S. R. 12 E.

"AB" subtend an angle of $67^{\circ} 49'$



Distance on line	15.38 chs.
Distance by triangulation	24.52 "
	<hr/> 39.90 chs.

To point "B" of triangulation; thence by chaining
 Set temp. $\frac{1}{4}$ sec.cor.
 Intersect the N. and S. line 18 lks.N. of the true point
 for cor. of secs. 10, 11, 14, and 15, which is S. $0^{\circ} 01'$
 E. 27 lks. dist. from the witness cor. to said sections.
 Thence

N. $89^{\circ} 56'$ W. on true line bet. secs. 10 and 15,
 Ascend gradually over broken SE. slope; through scattered
 undergrowth.

Small draw, drains S.; continue gradual ascent.
 On broken SE. slope, 100 ft. above the section corner,
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground, to bed-rock, and 10 ins. in a mound of stone,
 for $\frac{1}{4}$ sec.cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad 910 \\ \hline 815 \\ \hline 1328 \end{array}$$

Deposit a sandstone $10 \times 5 \times 5$ ins., at base of post,
 marked with a cross (X).

No other suitable accessories available.

Base of inaccessible ledges, bears NE. and SW. Thence
 by triangulation.

Top of ledges, 700 ft. above the $\frac{1}{4}$ sec.cor., bears NE.
 and SW. Thence by chaining over broken top of mesa.

The cor. of secs. 9, 10, 15, and 18.

Land, broken, with a general southeasterly exposure
 and drainage.

Soil, shallow, loose, clay, sand, and rock; 3d rate.

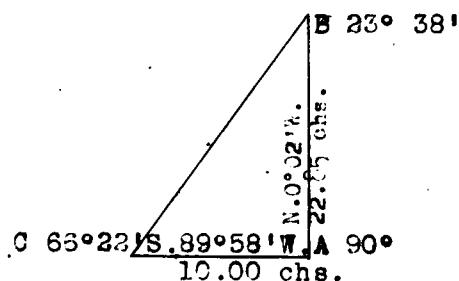
Chains. Undergrowth, scattered shadscale, mountain rush, yellow pine, "PA"
top, and black brush.
No timber.

N. $0^{\circ} 02'$ W. bet. secs. 9 and 10,
Over broken bench land; through scattered undergrowth.
12.00 Base of abrupt ascent over broken ledges, bears NE. and
40.00 At base of inaccessible ledge, 340 ft. above sec. cor.
bears E. and W.
Mark a cross (X) on the surface rock, over which
set an iron post 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 9 | S 10
1926

No other accessories available.

The line to the N. of this cor. passes over the inaccessible S. breaks of sandstone rim, over which I am unable to chain. I therefore triangulate as follows:
Erect flag "A" at this point and flag "B" on line to the N. From flag "A" measure base line "AC" S. $89^{\circ} 58'$ W. 10.00 chs. dist., from which point flags "AB" subtend an angle of $66^{\circ} 22'$



Distance on line	40.00 chs.
Distance by triangulation	23.85 "
	<u>62.85 chs.</u>

62.85 To point "B" of triangulation at top of sandstone rim
580 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE. Thence
by chaining over broken top of bench land.

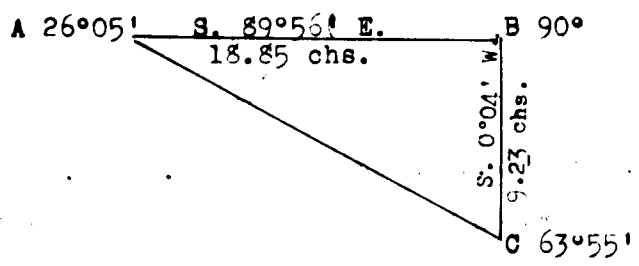
On surface rock, mark a cross (X), over which,
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 3, 4, 9 and 10, with
brass cap marked.

T41S	R12E
S4	S3
S9	S10
1926	

No other suitable accessories available.
Land, broken by ledges, with a general southeasterly
exposure and drainage.
Soil, shallow, loose, sand, clay, and rock; 3rd rate.
Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.
Timber, a few scattered scrub juniper.

S. 89°50' E., on random line bet. secs. 3 and 10.

21.05 Top of abrupt descent over inaccessible ledges over which
I am unable to chain, I therefore triangulate as follows.
Erect flag "A" at this point and flag "B" on line to the
E. From flag "B", measure base line "BC", S. 0°04' W.,
9.23 chs. dist., from which point, flags "AB" subtend
an angle of 63°55'.



Distance on line	21.05 chs.
Distance by triangulation	<u>18.85 chs.</u>
	39.90 chs.

39.90 To point "B" of triangulation. Thence by chaining.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
50.02 Intersect the N. and S. line, at the cor. secs. 2, 3, 10
and 11.
Thence,
N. 89°56' W., on true line bet. secs. 3 and 10.

Chains

Over broken SE. slope through scattered undergrowth.

40.01 On broken SE. slope, 400 ft. above sea level. 182

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in ground to bedrock and 20 ins. in a mound of stone, for a sec. cor., with brass cap marked.

$$\frac{1}{4} \frac{S_3}{S_{10}}$$

1926

Deposit a sandstone, 6 x 5 x 2 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

40.12 To point "B" of triangulation at base of abrupt ascent
over SE. face of inaccessible ledges. Thence by
triangulation to top of ledges.

58.97 To point "A" of triangulation at top of ledges, 580 ft.
above the $\frac{1}{4}$ sec. cor., bears NE. and SW. Thence by
chaining over broken-bench land.

80.02 The cor. secs. 3, 4, 9 and 10. The surface is not
Land, broken by ledges, with a general southeasterly
exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush;

No timber.

N. $0^{\circ}02'$ W., on true line bet. secds. 3 and 4.

Over broken bench land through scattered undergrowth
and timber.

4.70 Draw, 40 ft. below cor., drains W.; ascend gradual SW. slope.

25.00 Spur, 120 ft. above draw, projects W.: descend gradual

NW. slope.

40.00 On surfacerock, 130 ft. below spur; mark a cross (X).

over which:

W 102098 .W no on line and doc .area 8 1000

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for 1 sec. cor., with brass cap marked.

84 | 83
1926

No other suitable accessories available.

48.90 Draw, 60 ft. below the 1 sec. cor., drains W.; continue gradual descent.

64.30 Draw, 40 ft. below last, draw, drains SW.; ascend gradual SE. slope.

79.37 Intersect the Eighth Standard Parallel South, East, 26.92 chs. dist. from the standard cor. secs. 33 and 34, heretofore described.

At point of intersection, on surfacerock, 150 ft. above draw, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for closing cor. secs. 3 and 4, with Brass cap marked.

T40S R12E
S34

84 | 83
T41S R12E
C C

1926

From which,

A juniper, 10 ins. diam., bears S. 71° W., 154 lks. dist., marked BT.

Tree too scrubby for other marks and no other suitable bearing trees available.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow, loose, sand, rock, and clay in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

Timber, a few scattered scrub juniper.

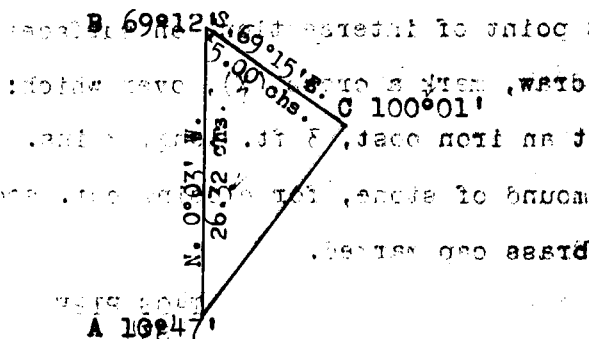
Notes: The above is a true and correct copy of the original field notes of E. S. Sullivan, dated 1926.

Chains

From the cor. sec. 32 and 33, bearing south township, which is an iron post, 3 ft. long, with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 12 E. N. 0°03' W., bet. secs. 32 and 33.

Over broken top of Piute Mesa through scattered undergrowth.

12.65 The top of NE. breaks of Piute Mesa, bears NW. and SE., over which I am unable to chain. I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the W. from flag "B"; measure baseline "BC", S. 69°15' E., 5.00 chs. dist. from which point flags "AB" subtend an angle of 100°01'.



Distance on line 12.65 chs.
Distance by triangulation 26.32 chs.
38.97 chs.

38.97 To point "B" of triangulation at base of NE. breaks of Piute Mesa, 720 ft. below top, bears NW. and SE.; then descend gradually over broken NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for a sec. cor., with brass cap marked.

832 | 833

1925

66.50 Small ravine, drains NE.; continue gradual descent.

80.00 On broken NE. slope, 520 ft. below base of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., in the ground to solid rock and 26 ins. in a mound of stone,

for cor. sec. 25, 29, 32 and 33, with brass cap marked.

T41S, R12E

S29 S28

S32 S33

1925

Deposit a sandstone, 12 x 10 x 10 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

East on random line bet. secs. 28 and 33.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the N. and S. line, 14 lks. N. of the cor. secs. 27, 28, 33 and 34.

Thence,

N. $89^{\circ}54'$ W., on true line bet. secs. 28 and 33.

Ascend gradually over broken E. slope through scattered undergrowth.

Top of rimrock, 40 ft. high, bears NE. and SW.

Road, bears NE. and SW.

Same road, bears NE. and SE.

On NW. bank of wash, 20 lks. wide, 3 ft. deep, drains NE., 450 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S28

S33

1925

Deposit a sandstone 12 x 6 x 2 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Chains	
	Continue gradual ascent.
79.90	The cor. secs. 28, 29, 32 and 33, 200 ft. above the $\frac{1}{4}$ sec. cor. Land, broken, with a general easterly exposure and drainage. Soil, shallow, loose, sand, clay, and rock; 3rd rate. Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush. No timber.
	N. 0°03' W., bet. secs. 28 and 29. Descend gradually over broken NE. slope through scattered undergrowth.
29.15	Road, bears NW. to Spencer's placer mine and SE. to Moonlight, Utah.
32.20	Sandstone rim, 35 ft. high, bears NW. and SE.
40.00	On broken NE. slope, 460 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	<div style="text-align: center;"> $\frac{1}{4}$ S29 | S28 1925 </div>
	Deposit a sandstone, 6 x 6 x 6 ins., at base of post, marked with a cross (X). No other suitable accessories available.
48.50	Ravine, 140 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; continue gradual descent.
77.70	Top of white sandstone rim, 75 ft. high, bears E. and W.
80.00	On broken NW. slope, 300 ft. below ravine. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and 18 ins. in a mound of stone, for cor. secs. 20, 21, 28 and 29, with brass cap marked.

T41S	R12E
S20	S21
S29	S28

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

S. 89°54' E., on random line bet. secs. 21 and 28.

4.00 Base of inaccessible N. point of spur, over which, I am unable to chain, I therefore offset as follows.

North, 10.00 chs. dist.

S. 89°54' E., 21.15 chs. dist.

South, 10.00 chs. dist. to:

25.15 Point on true random line, thence S. 89°54' E. on random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 14 lks. S. of the cor. secs. 21, 22, 27 and 28.

Thence,

West, on true line bet. secs. 21 and 28.

Over broken top of mesa through scattered undergrowth.

28.84 Top of abrupt descent over sandstone rim, 240 ft. high, bears NE. and SW.

39.95 On broken land, 280 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and 22 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

821

825

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

54.65 Wash, 25 lks. wide, 3 ft. deep, at base of spur, drains N.

As the high broken ledges on E. slope of spur, make chaining to the W. of this point impracticable, I offset as follows along base of spur.

North, 10.00 chs. dist.

West, 21.35 chs. dist.

South, 10.00 chs. dist. to true

76.00 Point on true line, thence on true line.

79.90 The cor. secs. 20, 21, 28 and 29.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

N. 0°03' W., bet. secs. 20 and 21.

Over broken land through scattered undergrowth.

22.88 Intersect line 1 - 2 of Kathryn Z. placer claim of the Monumental Mining District, which is a patented claim, S. 69°27' W., 1.56 chs. dist. from cor. number 1, which is a cast iron retort, 18 ins. diam., at base and which tapers to knob at top, marked with a cross (X) on top, and K-2-6769 in the NW. quadrant of retort.

Thence across patented mineral survey No. 6786.

23.23 The tailing of placer wash, bears E. and W.

27.35 Leave said claim at line 1 - 4, N. 20°33' W., 4.19 chs. dist. from cor. No. 1.

39.76

As the true point for the $\frac{1}{4}$ sec. cor. falls in trench of a placer sluice, where a permanent cor. cannot be set, therefore at this point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., secs. 20 and 21, with brass cap marked.

W C
|
S20 | S21
1925

40.00

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. True point for the $\frac{1}{4}$ sec. cor. falls in bottom of trench of placer sluice, bears E. and W.

42.00

The SW. cor. of boiler room, size 18 ft. x 16 ft., of the Zahn's Placer claim, bears E., 60 lks. dist.

42.80

The mean high water mark of the left bank of San Juan River, bears E. and W.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and 10 ins. in a mound of stone, for meander cor. secs. 20 and 21, with brass cap marked.

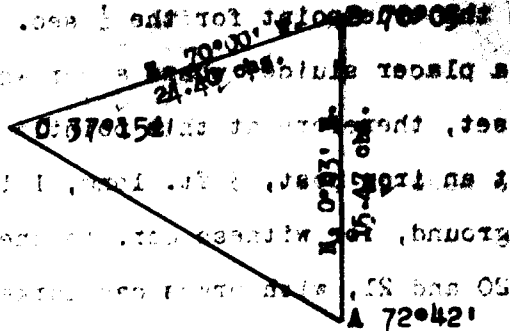
MC
|
S20 | S21
T41S | R12E
1925

Deposit a sandstone, 8 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence across river by triangulation, which at this point is a stream about 6 chains wide, 3 ft. deep, and which flows in a westerly direction. Erect flag "A" at the witness cor. to the $\frac{1}{4}$ sec. cor. and flag "B" on line to the N. From flag "B", measure base line "BC", S. 70° W., 24.40 chs. dist., from which point, flags "AB" subtend an angle of 37°15'.

Chains



Distance on line 39.76 Chs.
 Distance by triangulation 15.47 chs.
 55.23 chs.

55.23 To point "B" of triangulation at the mean high water mark of the right bank of San Juan River, bears

E. and W. 100.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor., of sec. 20 and 21, with brass cap marked.

T418	R12E
S20	S21

MC

1926

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor. Thence by chaining; ascend gradual S. slope.

72.00 Base of abrupt ascent over broken ledges, bears E. and W.

80.00 True point for the cor. secs. 16, 17, 20 and 21, falls on steep S. slope of ledge, where it is impracticable to set a permanent cor.

81.00 On top of sandstone rim, 300 ft. above base of ledges, bears E. and W.; mark a cross (X), on the surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in a mound of stone, for witness cor. to the cor. secs. 16, 17, 20 and 21, with brass cap marked.

T418	R12E
S17	S16

S20	S21
W10	

1926

No other suitable accessories available.

Land, broken, with a general southerly exposure and

drainage. Soil, shallow sand; 3rd rate. Underneath

15 From the true point for the cor. secs. 16, 17, 20 and 21,
to which is S. 0°03' E., 1 chain dist. from the witness cor.

bedrock to said secs.

ascend East, on true line bet. secs. 16 and 21.

100 Descend abruptly over broken SE. face of sandstone ledges
W and through scattered undergrowth.

13.50 Base of abrupt descent, 200 ft. below top of ledges,

beneath "bears NE. and SW.," thence over rolling bench land.

38.75 The mean high water mark of the right bank of San Juan
River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to bedrock and 10 ins. in a mound of stone, for
meander cor. secs. 16 and 21, with brass cap marked.

T41S
S16
S21
R12E
MC

1926

Deposit a sandstone, 10 x 10 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Note: The remainder of this mile falls within the meanders
of the San Juan River.

Land, rolling and broken, with a general southeasterly
exposure and drainage.

Soil, shallow, loose, sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.

No timber.

From the true point for the cor. secs. 16, 17, 20 and 21,
which is S. 0°03' E., 1 chain dist. from the witness
cor. to said secs.

N. 0°03' W., bet. secs. 16 and 17.

Ascend abruptly over broken SW. slope of W. point of spur
through scattered undergrowth.

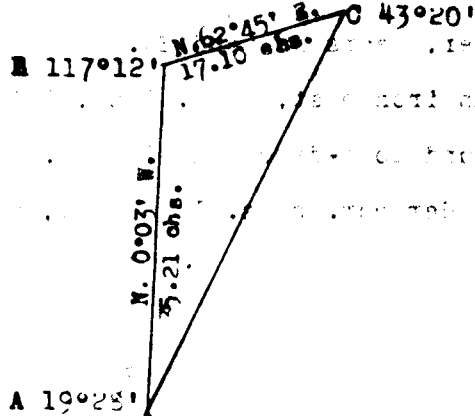
of said no "E" with one pole and 1/2 ft. of

Chains

1.00 The witness cor. to the north section 14, 12, 20 and 21.

7.94 The W. point of spur, 140 ft. above stream point for cor.

The line to the N. of this point, passes over the broken abrupt S. slope of ledge over which it is impractical to chain, I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. 62°45' W., 17.10 chs. dist., from which point, flags "AB" subtend an angle of 43°20'.



Distance on line	7.94 chs.
Distance by triangulation	35.21 chs.
Distance by return measurement	43.15 chs.
	40.00 chs.

40.00 On top of S. rim of narrow neck in mesa, 300 ft. above point of spur, bears E. and W.; on surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

817 | 816
1926

No other suitable accessories available.

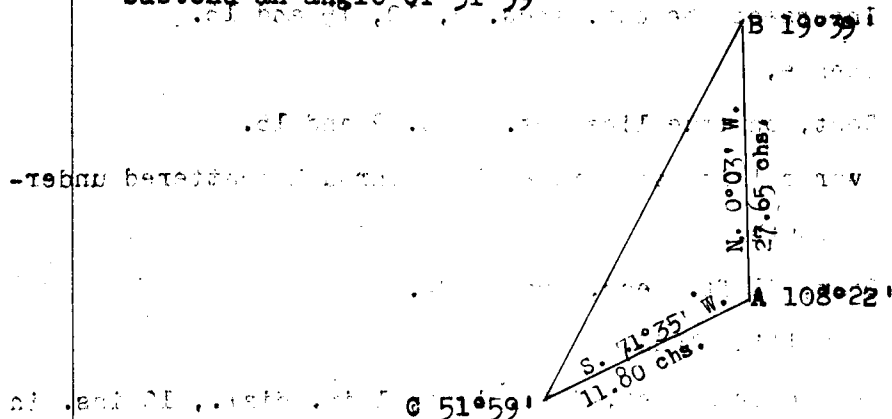
Hence by chaining.

43.15 To point "B" of triangulation at top of N. rim on narrow neck in mesa, bears E. and W.

The line to the N. of this point, passes over the inaccessible N. and S. breaks of deep canyon, over which I am unable to chain, I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to

Subdivision, T. 41 N., R. 12 E.

the N. From flag "A", measure base line "AC", S. 71° 35' W., 11.80 chs. dist., from which point, flag "AB" subtend an angle of $51^{\circ}59'$



Distance on line 43.15 chs.
Distance by triangulation $\frac{27.65 \text{ chs.}}{70.80 \text{ chs.}}$

62.00 Approximate distance; bottom of canyon, 300 ft. deep, drains S. 80° W.; ascend abrupt inaccessible N. breaks of canyon.

70.80 To point "B" of triangulation at top of N. breaks of canyon, bears E. and W., 300 ft. above bottom, thence over rolling bench land.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 8, 9, 16 and 17, with brass cap marked.

T41S	R12E
S8	S9
S17	S16

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Land, rolling and broken, with a general northeasterly and southwesterly exposure and drainage.

Soil, shallow, rocky, clay and sand; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

Subdivision, T. 41 S., R. 12 E.

Chains	East, on random line bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.76	Intersect the cor. secs. 9, 10, 15 and 16.
	Thence,
	West, on true line bet. secs. 9 and 16.
	Over rolling and broken land through scattered undergrowth.
37.55	Draw, 30 ft. deep, drains SW.
39.88	On rolling land.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{r} \frac{89}{\frac{1}{4}} \\ 316 \\ 1926 \end{array}$
	Deposit a sandstone, 17 x 12 x 10 ins., at base of post, marked with a cross (X).
	No other suitable accessories available.
79.76	The cor. secs. 8, 9, 16 and 17.
	Land, rolling and broken, with a general southwesterly exposure and drainage.
	Soil, shallow, loose, sand, clay, and rock; 3rd rate.
	Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.
	No timber.
	N. 0°03' W., bet. secs. 8 and 9.
	Ascend gradually over broken SE. slope through scattered undergrowth.
16.50	Draw, 75 ft. above cor., drains W.; continue ascent.
23.20	Base of abrupt ascent over broken SW. slope, bears NW. and SE.
40.00	On broken land, 270 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and 20 ins. in a mound of stone,

... 1926 ... with brass cap marked ...

... 1926 ...

SS. 89

1926

Deposit a sandstone, 14 x 6 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

52.00 Draw, 40 ft. deep, drains SW.; continue abrupt ascent over SE. slope.

62.90 Spur, 140 ft. above the 1/4 sec. cor., projects SW.; descend gradual NW. slope.

72.00 Draw, 40 ft. below spur, drains SW.; ascend gradual SE. slope.

77.00 Thence over small flat, bears E. and W.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 8 and 9, with brass cap marked.

T41S R12E

S5 S4

SS 89

1926

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, rolling and broken, with a general southwesterly and northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

East, on random line bet. secs. 4 and 9.

40.00 Set temp. 1/4 sec. cor.

The line to the E. of this point, passes over the inaccessible SW. breaks of mesa over which I am unable

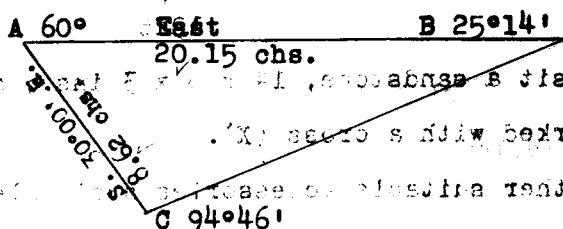
to chain. I therefore triangulate as follows. Erect

flag "A" at this point and flag "B" on line to the E.

...

Chains

From flag "A", measure base line "AC", 8.130' E., 8.62 chs. dist., from which point, flag "AB" subtend an angle of 94°46'.



Distance on line 40.00 chs.
Distance by triangulation 20.15 chs.
60.15 chs.

60.15 To point "B" of triangulation; thence by chaining.

79.76 Intersect the cor. secs. 3, 4, 9 and 10.

Thence,

West, on true line bet. secs. 4 and 9.

Over broken top of mesa through scattered undergrowth.

19.61 Top of inaccessible SW. breaks of mesa, bears NW. and SE. thence by triangulation over inaccessible ledges from point "B" of triangulation.

39.76 To point "A" of triangulation at base of abrupt descent from top of mesa; 590 ft. below top, bears NW. and SE. thence by chaining; descend gradually over broken SW. slope.

39.88 On surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., 50 ins. in a mound of stone, for 1 sec. cor., with brass cap marked

84

89

1926

No other suitable accessories available!

70.30 Draw, 340 ft. below base of mesa, drains SW.; ascend gradual SE. slope.

79.76 The cor. secs. 4, 5, 8 and 9; 70 ft. above draw. Land, rolling and broken, with a general southwesterly exposure and drainage.

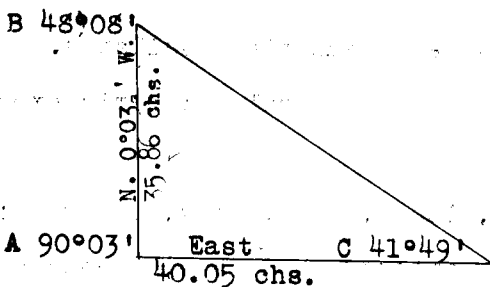
Soils, shallow, loose, sand, clay, and rock, 1st rate.

Undergrowth, scattered sagebrush, mountain shrub, yellow top and blackbrush. No timber.

N. $0^{\circ}03'$ W., on true line bet. secs. 4 and 5.

The line to the N. of the cor. secs. 4, 5, 8 and 9,

passes over the inaccessible S. breaks of mesa, to determine the distance to top of mesa, I triangulate as follows. Erect flag "A" at the cor. secs. 4, 5, 8 and 9, and flag "B" on line N. From flag "A", measure base line "AC", East, 40.05 chs. dist., from which point, flags "AB" subtend an angle of $41^{\circ}49'$.



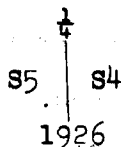
Distance by triangulation 35.86 chs.

To point "B" of triangulation at top of mesa, 690 ft.

above sec. cor., bears E. and W.; thence over broken top of mesa through scattered timber.

On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



From which,

A juniper, 10 ins. diam., bears N. $33^{\circ}45'$ E., 123 lks. dist., marked $\frac{1}{4}$ S4 BT.

A juniper, 10 ins. diam., bears S. $63^{\circ}30'$ W., 183 lks. dist., marked BT. Tree too scrubby for other marks.

Top of abrupt descent over broken N. breaks of mesa, bears E. and W.

Intersect the Eighth Standard Parallel South, East, 27.28 chs. dist., from the standard cor. secs. 32 and 33, heretofore described.

At point of intersection, on broken N. slope of surface-rock, 280 ft. below top of mesa.

Subdivision, T. 41 S., R. 12 E.

Chains

Mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
mound of stone, for closing cor. secs. 4 and 5, with
brass cap marked.

T40S R12E
S33

S5	S4
T41S	R12E
C	C

1926

No other suitable accessories available.

Land, broken, with a general northerly exposure and
drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top and blackbrush.

No timber on S. portion of mile. A few scattered scrub
juniper on N. portion of mile.

From the cor. secs. 5, 6, 31 and 32, on the S. bdy. of
the township, which is an iron post, 2 ins. diam., with
brass cap, set, marked and witnessed as described in
the finished notes of the survey T. 42 S., R. 12 E.
N. $0^{\circ}03'$ W., bet. secs. 31 and 32.

Over broken top of Piute Mesa through scattered under-
growth and timber.

40.00 On surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone, for $\frac{1}{4}$ sed. cor., with brass cap marked

†
S31 | S32
1925

From which,

A pinon, 8 ins. diam., bears N. 36° E., 127 lks.
dist., marked $\frac{1}{4}$ S32 BT.

A pinon, 10 ins. diam., bears N. $17^{\circ}30'$ W., 165 lks.
dist., marked $\frac{1}{4}$ S31 BT.

Subdivision T. 41 S. R. 12 E.

Chains.
80.00

On broken top of mesa,

Set an iron post 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed-rock, and 12 ins. in a mound of stone for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T41S	R12E
S30	S29
S31	S32
1925	

From which

A juniper, 4 ins. diam., bears N. 56° E. 74 lks. dist., marked T41S R12E S29 BT

A juniper, 4 ins. diam., bears S. $4^{\circ} 15'$ E. 114 lks. dist., marked T41S R12E S32 BT

A juniper, 3 ins. diam., bears S. $74^{\circ} 15'$ W. 26 lks. dist., marked BT

A juniper, 3 ins. diam., bears N. $6^{\circ} 45'$ W. 99 lks. dist., marked BT

Land, broken top of Plute Mesa.

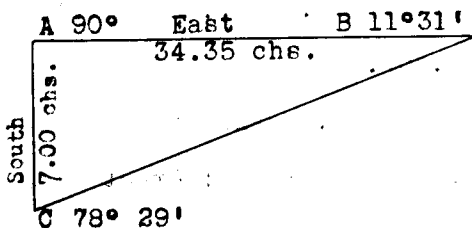
Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush.

Timber, scattered scrub juniper.

East, on random line bet. secs. 29 and 32,

2.08 The inaccessible NE. breaks of the Plute Mesa make chaining impracticable from this point. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the E. From flag "A" measure base line "AC" South 7.00 chs. dist., from which point flags "AB" subtend an angle of $78^{\circ} 29'$



Distance on line 2.08 chs.
Distance by triangulation 34.35 " = 36.43 chs.

Subdivision T. 21 N. R. 12 E.

Chains 36.43	To point "B" of triangulation; thence by chaining
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.94	Intersect the N. and S. line 5 lks.S. of the cor. of sec. 28, 29, 32, and 33. Thence S. $89^{\circ} 58'$ W. on true line bet. secs. 29 and 32. Over broken land; through scattered undergrowth.
39.97	On broken land, Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, to set rock, and 22 ins. in a mound of stone, for $\frac{1}{4}$ sec.cor., with brass cap marked
	$\begin{array}{r} 929 \\ 932 \\ \hline 1861 \end{array}$
	Deposit a sandstone 3 x 3 x 6 ins. at base of post, marked with a cross (X). No other suitable accessories available.
43.51	Base of inaccessible N.E. breaks of the Piute Mesa, bears NW. and SE. Thence by triangulation over inaccessible ledges.
77.83	Top of NE. breaks of Piute Mesa, 1100 ft. above base, bears NW. and SE. Thence by chaining over broken top of mesa.
79.94	The cor. of secs. 29, 30, 31 and 32. Land, broken, with a general northeasterly exposure and drainage. Soil, shallow, loose, sand, clay, and rock; 3d rate. Undergrowth, scattered shadscale, mountain rush, yellow top and black brush. No timber.

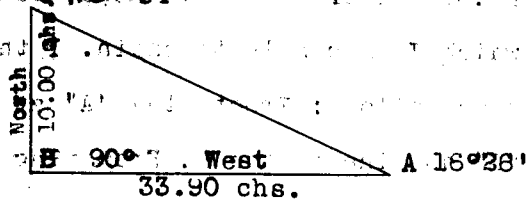
40.00	West on random line bet. secs. 30 and 31, Set temp. $\frac{1}{4}$ sec.cor.
43.84	Top of inaccessible SW. breaks of Piute Mesa. I there- fore triangulate as follows: Erect flag "A" at this p

Subdivision T. 44 S. R. 12 E.

and flag "B" on line to the W. From flag "B" measure

over the line "BC" North 10.00 chs. dist. from which point

flags "AB" subtend an angle of $73^{\circ} 34'$



Distance on line 43.84 chs.

Distance by triangulation 33.90 chs.

77.74 chs.

To point "B" of triangulation at a point 3 lks. N. of the cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the township, heretofore described. Thence

N. $89^{\circ} 59'$ E. on true line bet. secs. 30 and 31,

Over broken SW. breaks of Piute Mesa; through scattered undergrowth and timber. (By triangulation).

Top of Piute Mesa, 1060 ft. above cor. bears NW. and SE.

Thence by chaining over broken top of mesa.

On surface rock, mark a cross (X) over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

830
831
1925

from which

A juniper, 3 ins. diam., bears N. $36^{\circ} 45'$ E. 94

lks. dist., marked BT

A juniper, 3 ins. diam. bears S. $74^{\circ} 30'$ E. 130

lks. dist., marked BT

The cor. of secs. 29, 30, 31 and 32.

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow

top, and black brush. Timber, scattered scrub juniper.

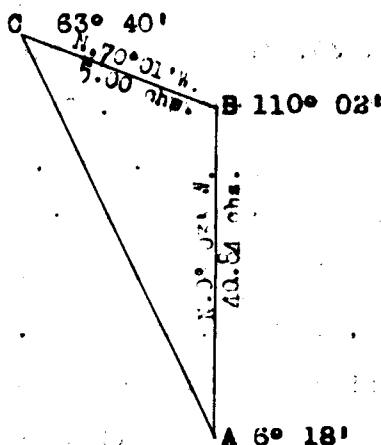
Chains

N. 0° 03' E. 100 ft. sec. 20 and 20, 1/2 mile bearing

Over broken top of Piute Mesa, through scattered and growth.

2.49

Top of NE. breaks of the Piute Mesa, bears NW. and SE. over which I am unable to chain. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the N. From flag "B" measure base line "BC" N. 70° 01' W. 5.00 chs. dist., from which point flags "AB" subtend an angle of 63° 40'. Ledges make it impracticable to obtain a longer base line.



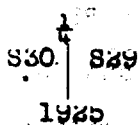
Distance on line	2.49 chs.
Distance by triangulation	40.84 "
	<hr/> 43.33 chs.

Dist. by return measurement	3.33 chs.
	<hr/> 40.00 chs.

40.00

On broken NE slope of NE. breaks of Piute Mesa, 1100 ft. below top

Set an iron post 3 ft. long, 1 in. diam., 12 ins. in the ground to bed-rock, and 18 ins. in a mound of stone for 1/4 sec. cor., with brass cap marked



Deposit a sandstone 10 x 9 x 8 ins., at base of post, marked with a cross (X)

No other suitable accessories available

Thence by chaining. Descend abruptly over broken slope.

43.33

To point "B" of triangulation.

Subdivision T. 41 S. R. 12 E.

Chains. 33.90 On NE. slope of surface rock, 320 ft. below the $\frac{1}{4}$ sec. cor. mark a cross (X), over which
Set an iron post $\frac{3}{4}$ ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. of secs. 19, 20, 29, and 30, with brass cap marked

T41S	R12E
S19	S20
S30	S29
1925	

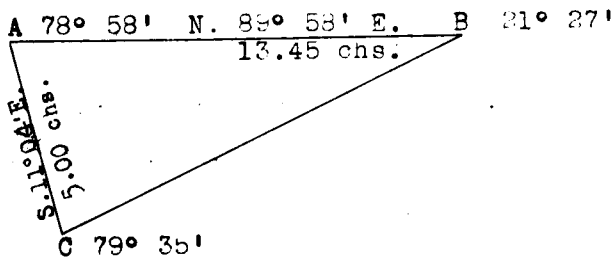
No other accessories available.

Land, broken NE. breaks of Piute Mesa.

Soil, shallow clay and sand; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush. No timber.

N. $89^{\circ} 58'$ E. on random line bet. secs. 20 and 29,
21.59 Top of high ledge over which I am unable to chain. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the E. From flag "A" measure base line "AC" S. $11^{\circ} 04'$ E. 5.00 chs. dist., from which point flags "AB" subtend an angle of $79^{\circ} 35'$



Distance on line	21.59 chs.
Distance by triangulation	13.45 "
	<u>35.04 chs.</u>

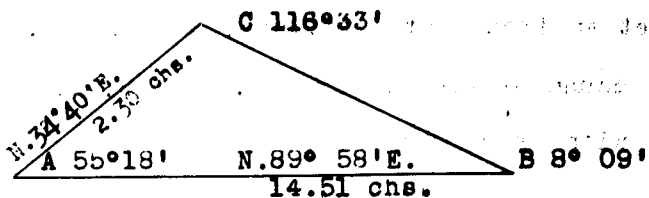
35.04 To point "B" of triangulation; thence by chaining.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

42.66 W. breaks of deep canyon, over which I am unable to chain. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the E. From flag "A" measure base line "AC" N. $34^{\circ} 40'$ E. 2.30 chs.

Chains.

dist., from which point flags "AB" subtend an angle
116° 33'



Distance on line	42.66 chs.
Distance by triangulation	14.51 "
	<hr/> 57.17 chs.

- 57.17 To point "B" of triangulation. Thence by chaining
- 80.14 Intersect the N. and S. line 14 lks. E. of the cor. of sections 20, 21, 28, and 29. Thence N. 89° 56' W. on true line bet. secs. 20 and 29. Ascend abrupt N. slope of rim-rock; through scattered undergrowth.
- 10.30 Top of sandstone rim, 50 ft. high, bears NW. and SE.
- 22.97 Top of inaccessible E. breaks of deep canyon, bears N. and S. Thence by triangulation across canyon.
- 25.00 Approximate distance, bottom of canyon 300 ft. deep, drains N. Ascend abrupt inaccessible W. breaks of canyon.
- 37.48 Top of W. breaks of canyon, bears N. and S., 300 ft. above bottom; thence by chaining over broken land.
- 40.07 On surface-rock, mark a cross (X) over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{\frac{1}{4} \quad 820}{829}$$
1925
- No other suitable accessories available.
- 45.10 Base of inaccessible ledge, over which I am unable to chain, bears N. and S. Thence by triangulation.
- 58.55 Top of ledge, 320 ft. above base, bears N. and S. Thence by chaining.
- 64.80 Road, bears N. and S.
- 80.14 The cor. of secs. 19, 20, 29, and 30.

Subdivision T. 41 S. R. 12 E.

Chains.

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

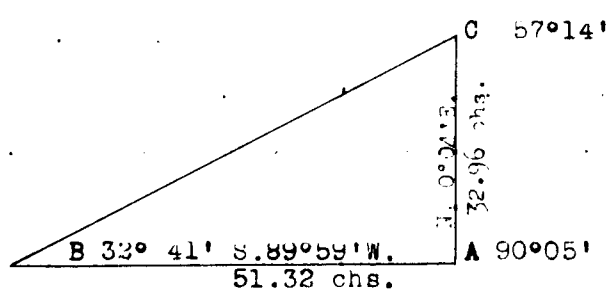
Undergrowth, scattered shadscale, mountain rush, yellow top and black brush.

No timber.

S. 89° 59' W. on random line bet. secs. 19 and 30,

Set temp. $\frac{1}{4}$ sec. cor.

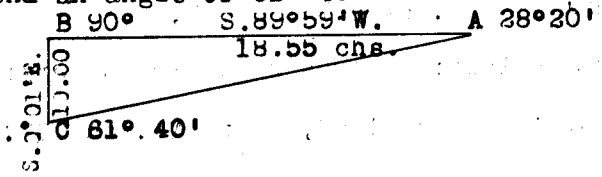
The line to the west of this point passes over the inaccessible NE. breaks of Piute Mesa, over which I am unable to chain. I therefore triangulate as follows: Designate the cor. secs. 19, 20, 29, and 30 "A" and erect flag "B" on line to the W. at top of mesa. From flag "A" measure base line "AC" N. 0° 04' E. 32.96 chs. dist., from which point flags "AB" subtend an angle of 57° 14'



Distance by triangulation 51.32 chs.

To point "B" of triangulation. Thence by chaining

Top of inaccessible S. breaks of Piute Mesa, over which I am unable to chain. I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the W. From flag "B" measure base line "BC" S. 0° 01' E. 10 chs. dist., from which point flags "AB" subtend an angle of 61° 40'



Subdivision T. 41 N. R. 12 E.

Onains.

Distance on line	59.30 chs.
Distance by triangulation	18.55 "
	<hr/> 77.75 chs.

- 77.75 To point "B" of triangulation on the W. bdy. of the township at a point 14 lks. N. of the cor. of secs. 19, 24, 25, and 30. Thence
- N. 89° 53' E. on true line bet. secs. 19 and 30,
- By triangulation over the inaccessible SW. breaks of Piute Mesa; through scattered undergrowth.
- 18.55 Top of Piute Mesa, 930 ft. above cor.; bears NW. and SE
- Thence by chaining across broken top of mesa.
- 26.43 Top of inaccessible NE. breaks of Piute Mesa, bears NW. and SE. Thence by triangulation.
- 37.75 On surface rock, mark a cross (X), over which
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|------------|
| $\frac{1}{4}$ | <u>S19</u> |
| | S30 |
| | 1925 |
- No other suitable accessories available.
- Thence by chaining over broken NE. slope.
- 58.80 Ravine, 80 ft. deep, drains N.
- 77.75 The cor. of secs. 19, 20, 29, and 30, 860 ft. below top of Piute Mesa.
- Land, broken by ledges, with a general northeasterly and southwesterly exposure and drainage.
- Soil, shallow, loose, sand, clay, and rock; 3d rate.
- Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush.
- No timber.

- N. 0° 03' W. bet. secs. 19 and 20,
- Over broken land; through scattered undergrowth.
- 8.00 Enter rolling bench land, bears NW. and SE.

Subdivision T. 41 S. R. 12 E.

Chains.

24.00 Road, bears NW. and SE.

34.00 Sandstone rim, bears E. and W. 90 ft. high; thence
along broken W. breaks of San Juan River.

40.00 On broken E. slope,

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bed-rock, and 24 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S19 | S20
 1925

Deposit a sandstone 10 x 8 x 6 ins. at base of post,
marked with a cross (X).

No other suitable accessories available.

41.60 Box canyon, 3 chains wide, 60 ft. deep, drains E.

48.20 Box canyon, 4 chains wide, 90 ft. deep, drains E.

80.00 On surface rock, mark a cross (X) over which

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in a
mound of stone, for cor. secs. 17, 18, 19, and 20, with
brass cap marked

T41S | R12E
 S18 | S17
 S19 | S20

1925.

No other suitable accessories available.

Land, broken, with a general easterly exposure and
drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

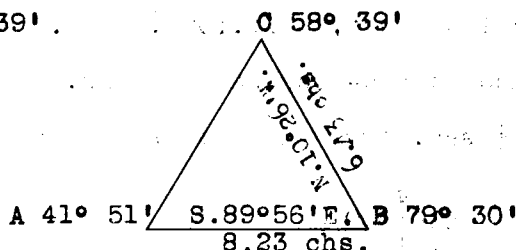
Undergrowth, scattered shadscale, mountain rush, yellow
top and black brush.

No timber.

S. 89° 56' E. on random line bet. secs. 17 and 20

4.89 Set temp. meander cor. left bank of San Juan River.

Chains. I triangulate across river as follows: Erect flag "A" at this point and flag "B" on line to the E. From flag "B" measure base line "BC" N. 10° 36' W. 6.43 chs. dist., from which point flags "AB" subtend an angle of 58° 39'.



Distance on line	4.89 chs.
Distance by triangulation	8.23 "
	<hr/> 13.12 chs.

- 13.12 To point "B" of triangulation. Set temp. meander cor. Thence by chaining.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect the N. and S. line 44 lks. S. of the true point for cor. of secs. 16, 17, 20, and 21, which is S. 0° 03' E. 1.00 ch. dist. from the witness cor. to said secs. Thence from the true point for corner said secs. S. 89° 45' W. on true line bet. secs. 17 and 20. Descend abrupt SW. face of ledge, through scattered undergrowth.
- .70 Base of ledge, 200 ft. high, bears NW. and SE. Descend gradually over broken SW slope.
- 40.02 On surface rock, 180 ft. below point for cor. of secs. 16, 17, 20, and 21 mark a cross (X), over which Set an iron post 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked
- S17
—
S20
- 1926
- No other suitable accessories available.
- 66.92 The mean high water mark of the right bank of San Juan River bears N. and S.
- On surface rock mark a cross (X), over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for meander cor. of secs. 17 and 20, with brass cap marked.

MC
T41S
S17
S20
R12E
1926

No other suitable accessories available.

Thence across river by triangulation, which at this point is a stream about 5 chains wide, 4 ft. deep, and which flows in a northwesterly direction.

75.15 Mean highwater mark of the left bank of San Juan River, bears N. and S,

On surface rock mark a cross (X), over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for meander cor. of secs. 17 and 20, with brass cap marked

T41S
S17
S20
R12E
MC

1925.

No other suitable accessories available.

Thence by chaining. Ascend abruptly over broken W. breaks of river.

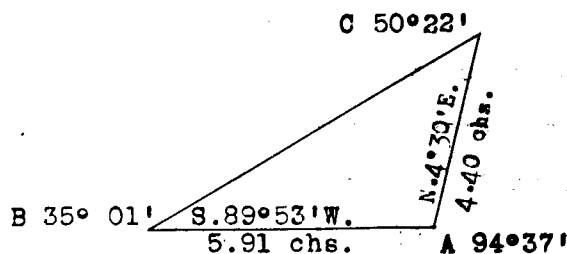
80.04 The cor. of secs. 17, 18, 19, and 20, 80 ft. above river. Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose, sand, clay, and rock; 3d rate. Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush.

No timber.

S. 89° 53' W, on random line bet. secs. 18 and 19, The line to the W. of the cor. secs. 17, 18, 19 and 20 passes over the inaccessible W. breaks of San Juan

Chains. River: I therefore triangulate as follows: Erect flag
"A" at the cor. of secs. 17, 18, 19, and 20, and flag
"B" on line to the W. From flag "A" measure base line
"AC" N. 4° 30' E. 4.40 chs. dist., from which point
flags "AB" subtend an angle of 50° 22'



Distance by triangulation 5.91 chs.

- 5.91 To point "B" of triangulation. Thence by chaining
40.00 Set temp. $\frac{1}{4}$ sec. cor.
77.66 Intersect the W. bdy. of the township 5 lks. S. of the cor.
of secs. 13, 18, 19, and 24, heretofore described.
Thence
N. 89° 55' E. on true line bet. secs. 18 and 19,
Over broken land, through scattered undergrowth.
14.70 Ravine 150 ft. deep, drains N. 30° E.
37.66 On broken land,
Set an iron post 3 ft. long, 1 in. diam., 18 ins. in the
ground to bed-rock and 12 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked
 $\frac{1}{4}$ $\frac{S18}{S19}$
1925
Deposit a sandstone 10 x 8 x 7 ins. at base of post,
marked with a cross (X).
No other suitable accessories available.
44.70 Junction of washes from the SW. and SE., 30 lks. wide,
4 ft. deep, drains NE.
69.70 Road, bears N. and S.
71.75 Top of W. breaks of San Juan River, bears N. and S.

Thence by triangulation over broken W. breaks of river

The cor. of secs. 17, 18, 19, and 20 at point "A" of triangulation, 260 ft. below top of breaks.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose, sand, clay, and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush.

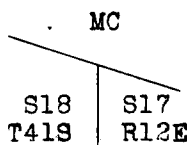
No timber.

N. 0° 03' W. bet. secs. 17 and 18,

Along broken W. breaks of San Juan River, through scattered undergrowth.

The mean high water mark of the left bank of San Juan River, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. of secs. 17 and 18, with brass cap marked.



1925

Deposit a sandstone 4 x 4 x 4 ins. at base of post, marked with a cross (X).

No other suitable accessories available.

Thence across San Juan River by triangulation as follows,

which at this point is stream about 5.00 chs.

wide, 4 ft. deep flowing in a northwesterly direction.

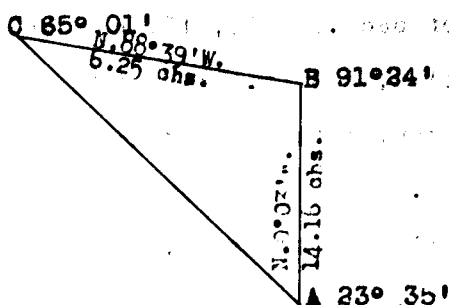
Erect flag "A" at this point and flag "B" on line to

the N. From flag "B" measure base line "BC" N. 88° 39'

W. 6.25 chs. dist., from which point flags "AB" sub-

tend an angle of 65° 01'

Chains.



Distance on line	35.83 chs.
Distance by triangulation	14.16 "
	<hr/> 49.99 chs.
Distance by return measurement	3.89 "
	<hr/> 46.10 chs.

46.10 The mean high water mark of the right bank of San Juan River, bears NW. and SE.

Set an iron post 3 ft. long, 1 in. diam., 15 ins. in the ground to bed-rock and 15 ins. in a mound of stone for meander cor. of secs. 17 and 18, with brass cap marked

T41S	R12E
S18	S17.

MC

1926

Deposit a sandstone 6 x 6 x 3 ins. at base of post, marked with a cross (X).

No other suitable accessories available.

Thence by chaining; ascend nearly perpendicular ledge, bears NW. and SE.

49.99 To point "B" of triangulation at top of ledge, 180 ft. high, bears NW. and SE.; thence over broken land.

64.00 Draw, 30 ft. deep, drains W.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T41S	R12E
S7	S8
S18	S17

1926

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Land, broken by ledges, with a general easterly and westerly exposure and drainage.

Soil, shallow, loose, rocky, clay, sand, and rock, 3d

rate: "CA"

Undergrowth, scattered shadscale, mountain rush, yellow
top, and black brush.

No timber.

N. 89° 45' E. on random line bet. secs. 8 and 17,

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line 12 lks. N. of the cor. of
secs. 8, 9, 16, and 17. Thence

S. 89° 50' W. on true line bet. secs. 8 and 17

Over rolling bench land; through scattered undergrowth.

40.00 On surface rock, mark a cross (X) over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a
mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{88}{S17}$

1926

No other suitable accessories available.

57.30 Draw, 40 ft. deep, drains SW.

63.00 Draw, 20 ft. deep, drains SW.

80.00 The cor. of secs. 7, 8, 17, and 19.

Land, rolling, with a general westerly exposure and
drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top, and black brush.

No timber.

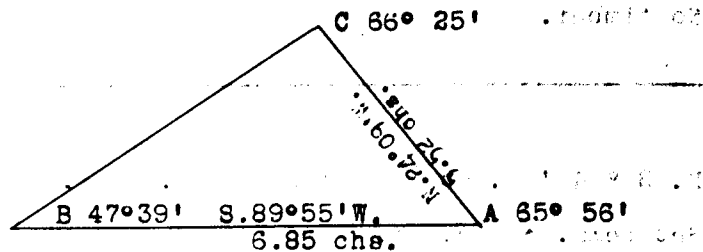
S. 89° 55' W. on random line bet. secs. 7 and 18,

40.00 Set temp. $\frac{1}{4}$ sec. cor.

48.73 Set temp. meander cor. on right bank of San Juan River.

Thence by triangulation across river as follows: Erect

Chains. flag "A" at this point and flag "B" on line to point
From flag "A" measure base line "AC" N. 24° 09' W.
5.52 chs. dist., from which point flag "B" subtend
an angle of 66° 25'



Distance on line	48.72 chs.
Distance by triangulation	6.85 "
	<u>53.57 chs.</u>

- 53.57 To point "B" of triangulation. Set temp. meander cor.
- 77.47 Intersect the W. bdy. of the township 3 lks. S. of the
cor. of secs. 7, 12, 13, and 18 heretofore described.
Thence
N. 89° 56' E. on true line bet. secs. 7 and 18.
Over broken land, through scattered undergrowth.
- 6.80 Spur, 180 ft. above cor., projects N. Descend gradual
E. slope of spur.
- 15.10 Road bears N.W. and SE.
- 19.76 Top of perpendicular rim 100 ft. high, bears NW. and SE.
- 23.90 Mean high water mark of the left bank of San Juan River,
180 ft. below top of rim, bears NW. and SE.
Set an iron post 3 ft. long, 1 in. diam. 27 ins. in the
ground for meander cor. of secs. 7 and 18, with brass
cap marked

T41S
S7
S18
R12E

MC

1925

Deposit a sandstone 4 x 4 x 4 ins. at base of post,
marked with a cross (X).

No other suitable accessories available.

Thence across river by triangulation, which station

point is a stream about 100 chs. wide, 4 to 5 deep, and

which flows in a northwesterly direction.

Subdivision T. 41 S. R. 12 E.

Chains
30.75 Mean high water mark of the right bank of San Juan River,
Bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for meander cor. of secs. 7 and 18, with brass
cap marked

MC T41S
 S7
 S18
 R12E

1926

Raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.
Thence by chaining. Ascend abrupt W. face of rim-rock.
33.00 Top of sandstone rim-rock, 200 ft. high, bears N. and S.
Thence over rolling bench land.

37.47 On rolling bench land,
Set an iron post 3 ft. long, 1 in. diam. 10 ins. in the
ground, to bed-rock, and 20 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S7
 S18
 1926

Deposit a sandstone 5 x 5 x 3 ins. at base of post,
marked with a cross (X).

No other suitable accessories available.

77.47 The cor. of secs. 7, 8, 17, and 18.

Land, rolling and broken, with a general northwesterly
exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow
top, and black brush.

No timber.

N. 0° 03' W, bet. secs. 7 and 8,

Over rolling bench land through scattered undergrowth.

6.00 Draw, 40 ft. deep, drains W.

Subdivision T. 41 S. R. 12 E.

Chains

17.00

Land becomes broken, bears NW. and SE. and back

40.00

On surface rock, mark a cross (X), over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S7 | S8
 1926

No other suitable accessories available.

80.00

On broken land,

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in

the ground to bed-rock, and 10 ins. in a mound of stone for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T41S | R12E
 S 6 | S 5
 S 7 | S 8
 1926

Deposit a sandstone 12 x 12 x 7 ins., at base of post marked with a cross (X).

No other suitable accessories available.

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow; loose, sand, clay, and rock; 3d rate.

Undergrowth, scattered shadscale, mountain rush, yellow top, and black brush.

No timber.

40.00

N. 89° 50' E. on random line bet. secs. 5 and 8,

Set temp. $\frac{1}{4}$ sec. cor.

80.02

Intersect the corner of secs. 4, 5, 8, and 9. Thence

N. 89° 50' W. on true line bet. secs. 5 and 8,

Over broken and rolling land; through scattered undergrowth

40.01

On broken land

Set an iron post 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S5}{S8}$
 1926

Raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.

Draw, 40 ft. deep, drains SW.

The cor. secs. 5, 6, 7 and 8.

Land, rolling and broken, with a general southwesterly

exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

S. 89°56' W., on random line bet. secs. 6 and 7.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the W. bdy. of the township, 14 lks. S. of the cor. secs. 1, 6, 7 and 12, heretofore described.

Thence,

S. 89°58' E., on true line bet. secs. 6 and 7.

Over rolling land broken land through scattered undergrowth.

Small seep of good water, flows S., 2.00 chs. dist.

Draw, 40 ft. deep, drains SW.

On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S6
 $\frac{1}{4}$ ———
S7

1926

Deposit a sandstone, 6 x 6 x 6 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

The cor. secs. 5, 6, 7 and 8.

Land, rolling and broken, with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and blackbrush.

No timber.

Chains

N. 0°03' W., on true line bet. secs. 5 and 6, 1818

Over rolling and broken land through scattered under-

40.00 On surfacerock, between two large sandstone boulders, 0

mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for 1/4 sec. cor., with brass cap marked

36 | 35

1926

No other suitable accessories available.

73.70 Bottom of canyon, 160 ft. deep, drains SW.; small seep of good water in canyon, bears SW., about 5.00 chs. dist.; ascend broken SE. slope.

79.66 Intersect the Eighth Standard Parallel South, East, 27.2 chs. dist. from the standard cor. secs. 31 and 32, heretofore described.

At point of intersection, on broken SE. slope, 160 ft. above bottom of canyon.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. secs. 5 and 6, with brass cap marked.

T4OS R12E

312

36

35

T41S R12E

010

1926

Raise a mound of stone, 3 ft. base, 2 ft. high S. of cor. Land, rolling and broken with a general southwesterly exposure and drainage.

Soil, shallow, loose, sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, yellow top and black brush.

No timber.

Meanders of The Right Bank of San Juan River, Down Stream.

From the meander cor. secs. 1 and 6, on the right bank of San Juan River and on the E. bdy. of the township, which is an iron post, 1 in. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 13 E.

Thence, with meanders in sec. 1.

Over sloping bank through scattered undergrowth.

S. $43^{\circ}22'$ W., 12.37 chs.

S. $17^{\circ}30'$ E., 20.90 chs. to meander cor. secs. 1 and 12, heretofore described.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered greasewood, and rabbitbrush.

No timber.

Thence in sec. 12.

Over sloping bank through scattered and dense undergrowth.

S. $36^{\circ}04'$ E., 3.74 chs. to meander cor. secs. 7 and 12, on the E. bdy. of the township, which is an iron post, 1 in. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 13 E.

Land, sloping.

Soil, deep loose sand; 3rd rate.

Undergrowth, dense and scattered greasewood and rabbit brush.

No timber.

From the meander cor. secs. 7 and 12, on the right bank of San Juan River and on the E. bdy. of the township, which is an iron post, 1 in. diam., with brass cap, set, marked and witnessed as described in the finished notes of the survey T. 41 S., R. 13 E.

Thence with meanders in sec. 12.

Over sloping bank through dense and scattered undergrowth

S. 22°15' W., 7.80 chs.

S. 19°00' E., 4.80 chs.

S. 16°00' W., 4.30 chs.

S. 32°00' W., 8.90 chs. to meander cor. secs. 12 and 13, heretofore described.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered and dense greasewood and rabbit-brush.

No timber.

Thence in sec. 13.

Over rolling land through scattered and dense undergrowth

S. 29°00' W., 26.50 chs. At 23.70 chs. on this course, mouth of Castle Wash, dry, 280 lks. wide, 40 ft. deep, drains from the W.

S. 7°00' W., 8.40 chs.

S. 31°30' W., 8.80 chs.

S. 77°00' W., 13.70 chs.

S. 86°30' W., 12.20 chs.

S. 56°30' W., 10.30 chs.

S. 37°00' W., 11.20 chs.

S. 43°00' W., 4.60 chs.

S. 64°00' W., 6.50 chs.

S. 77°55' W., 4.50 chs. to meander cor. secs. 13 and 14 heretofore described.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered and dense greasewood, and rabbit brush.

No timber.

Thence in sec. 14.

Over rolling land through scattered undergrowth

S. 86°15' W., 1.10 chs.

W. 78°30' W., 23.60 chs.

N. 88°50' W., 10.70 chs.

S. 88°00' W., 5.40 chs.

E. 82°00' W., 18.50 chs.

S. 89°00' W., 21.60 chs. to meander cor. secs. 14 and 15. At 12.60 chs. on this course, the mouth of canyon from the N.

Land, rolling.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered greasewood and rabbitbrush.

No timber.

Thence in sec. 15.

Over rolling land and surfacerock through scattered and dense undergrowth.

S. 83°45' W., 5.14 chs.

S. 46°30' W., 11.00 chs. At 10.00 chs. on this course, the mouth of wash, 50 lks. wide, 4 ft. deep, from the NW.

S. 4°30' W., 10.90 chs.

S. 17°00' W., 3.90 chs. to meander cor. secs. 15 and 22.

Land, rolling river bottom and surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood and rabbitbrush.

No timber.

Thence, in sec. 22.

Over rolling river bottom and surfacerock through scattered and dense undergrowth.

South, 13.60 chs.

S. 15°45' W., 5.00 chs.

Chains

S. 40°00' W., 7.50 chs.

S. 75°00' W., 7.30 chs.

N. 72°00' W., 9.70 chs.

N. 39°00' W., 24.00 chs.

West, 14.00 chs.

N. 71°00' W., 13.59 chs. to meander cor. secs. 15 and 22, heretofore described.

Land, rolling river bottom and surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, and rabbit-brush.

No timber.

Thence, in sec. 15.

Over rolling land through scattered undergrowth.

N. 33°00' W., 74 lks. to the meander cor. secs. 15 and 16, heretofore described.

Land, rolling.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered greasewood.

No timber.

Thence, in sec. 16.

Over rolling river bottom and surfacerock through dense and scattered undergrowth.

N. 61°45' W., 10.27 chs.

N. 75°45' W., 7.50 chs.

S. 89°00' W., 10.20 chs.

S. 68°30' W., 11.00 chs.

S. 53°00' W., 5.15 chs. to meander cor. secs. 16 and 21, heretofore described.

Land, rolling river bottom and sloping surfacerock;

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood and rabbit-brush. No timber.

Thence in sec. 21.

Over rolling river bottom and surfacerock, through dense and scattered undergrowth.

S. 53°00' W., 29.52 chs.

S. 65°00' W., 16.70 chs. to meander cor. secs. 20 and 21, heretofore described.

Land, rolling river bottom and sloping surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows, and rabbitbrush.

No timber.

Thence in sec. 20.

Over rolling river bottom and surfacerock, through scattered and dense undergrowth.

S. 70°00' W., 24.40 chs.

S. 20°00' W., 5.00 chs.

N. 83°00' W., 25.50 chs.

N. 60°00' W., 8.50 chs.

N. 26°00' W., 7.30 chs.

N. 16°15' W., 20.80 chs.

N. 10°45' W., 3.79 chs. to meander cor. secs. 17 and 20, heretofore described.

Land, rolling river bottom and sloping surfacerock.

Soil, deep loose sand and sloping surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows and rabbitbrush.

No timber.

Thence, in sec. 17.

Over rolling river bottom and surfacerock, through dense and scattered undergrowth.

N. 10°30' W., 6.45 chs. At the end of this course, mouth of draw from the E.

Chains

North, 33.60 chs.

N. 62°30' W., 13.40 chs. to meander cor. secs. 17 and 18, heretofore described. At 3.40 chs. on this course the mouth of canyon from the E.

Land, rolling river bottom and sloping surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense, willows, greasewood, and rabbitbrush.

No timber.

Thence in sec. 18.

Over rolling river bottom and sloping surfacerock, through dense and scattered undergrowth.

S. 85°00' W., 14.00 chs.

S. 79°00' W., 12.50 chs. At the end of this course,

cross bottom of canyon which drains from the NE.

N. 85°00' W., 8.30 chs.

N. 71°00' W., 16.80 chs.

N. 11°00' W., 4.60 chs.

N. 9°30' E., 4.50 chs.

N. 22°30' E., 15.40 chs.

N. 17°15' W., 90 lks.

N. 15°11' W., 7.40 chs. to the meander cor. secs. 7 and 18, heretofore described.

Land, rolling river bottom and sloping surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows, and rabbitbrush.

No timber.

Thence, in sec. 7.

Over rolling river bottom through scattered undergrowth.

Meanders T. 41 S. R. 12 E.

N. 25° 23' W. 4.03 chs.

N. 30° 00' W. 22.70 chs. At 4.00 chs. on this course
mouth of draw from the E.

N. 47° 45' W. 9.80 chs.

N. 48° 15' W. 11.20 chs. At end of this course mouth of
draw from the NE.

N. 24° 00' W. 5.40 chs. to the meander cor. of secs. 7
and 12 on the W. bdy. of the township, heretofore
described.

Land, rolling river bottom.

Soil, deep loose sand; 3d rate.

Undergrowth, scattered greasewood, willows and rabbit-
brush. No timber.

Meanders of the Left Bank San Juan River Down Stream.

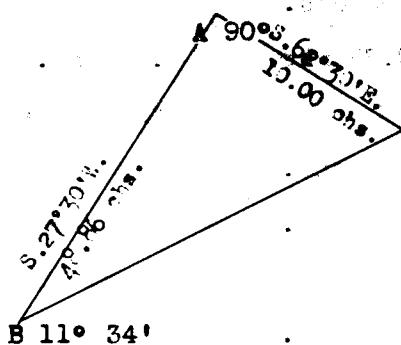
From the meander corner of secs. 13 and 18, on the left
bank of San Juan River, and on the E. bdy. of the
township, which is an iron post, 1 in. diam., with
brass cap, set, marked and witnessed as described in
the finished notes of the survey of T. 41 S. R. 13 E.

Thence with meanders in sec. 13,

Over rolling river bottom and sloping surface rock,
through scattered and dense undergrowth.

From the meander cor. of secs. 13 and 18, the mean high
water mark of the left bank of river follows along the
face of nearly perpendicular ledge, over which I am
unable to chain. I therefore triangulate along the
mean high water mark as follows: Erect flag "A" at the
meander cor. and flag "B" S. 27° 30' W. on line down
stream at the mean high water mark of left bank of
river. From flag "A" measure base line "AC" S. 62° 30'
E. 10.00 chs. dist., from which point flags "AB" sub-
tend an angle of 78° 26'

S. Meanders T. 11 S. R. 12 E.



S. 27° 30' W. 48.86 chs. to point "B" of triangulation.

At 43.80 chs. on this course the
mouth of Copper canyon, which
drains from the SE.

S. 73° 57' W. 23.37 chs.

S. 75° 45' W. 4.00 chs.

S. 56° 45' W. 8.00 chs.

S. 34° 15' W. 7.90 chs.

S. 62° 21' W. 22.42 chs.

West 16 lks. to the meander cor. of secs. 13 and 14, here-
tofore described.

Land, rolling river bottom and sloping surface rock.

Soil, deep loose sand and surface rock; 3d rate.

Undergrowth, scattered and dense greasewood, willows
and rabbit brush.

No timber. Fair grazing.

Thence in sec. 14,

Over rolling river bottom and surface rock, through
scattered and dense undergrowth.

N. 87° 49' W. 5.17 chs.

N. 74° 30' W. 4.80 chs.

N. 50° 30' W. 5.10 chs. At the end of this course the
mouth of draw from the SE.

N. 76° 00' W. 7.30 chs.

N. 86° 00' W. 37.80 chs. At 7.00 chs. on this course the
mouth of draw from the SE.

N. 80° 00' W. 2.10 chs.

thence in sec. 14 and
15, heretofore described.

Land, rolling river bottom and surfacerock.

Soil, deep loose sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, and rabbit-
brush.

No timber.

Thence in sec. 13.

Over rolling river bottom through scattered and dense
undergrowth.

S. 82°00' W., 1.15 chs.

S. 72°00' W., 6.00 chs.

S. 14°15' W., 1.80 chs.

S. 32°00' W., 12.90 chs. to meander cor. secs. 15 and
22, heretofore described.

Land, rolling river bottom.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered and dense greasewood and rabbit
brush.

No timber.

Thence in sec. 22.

Over rolling river bottom and sloping surfacerock,
through scattered and dense undergrowth.

S. 8°16' W., 2.75 chs.

South, 3.40 chs.

S. 7°00' E., 14.90 chs.

S. 16°30' W., 5.50 chs.

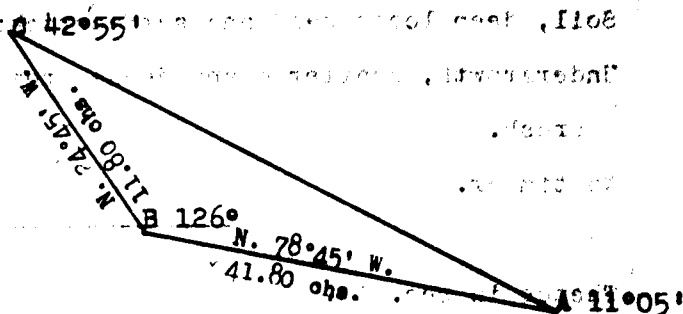
S. 47°45' W., 10.50 chs. From the end of this course,

the line along the mean high water mark of the river
passes over the vertical face of ledge over which I

am unable to chain, I therefore triangulate as follows.

Erect flag "A" at this point and flag "B", N. 78°45' W.,
on line down stream at the mean high water mark of

left bank of river. From flag "A", measure base line "BC", N. 24°45' W. 11.80 chs. dist. from which point flags "AB" subtend an angle of 42°55'.



N. 78°45' W., 41.80 chs. to point "B" of triangulation.

At 3.30 chs. on this course, the mouth of Nokai Canyon which drains from the S.

N. 24°45' W., 11.80 chs. At 8.80 chs. on this course, the mouth of draw from the SW.

N. 21°00' W., 3.50 chs.

N. 65°30' W., 2.70 chs.

N. 75°00' W., 6.80 chs.

N. 76°00' W., 8.00 chs. to meander cor. secs. 21 and 22 heretofore described.

Land, rolling river bottom and sloping and vertical surfacerock.

Soil, deep sand and surfacerock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows, and rabbitbrush.

No timber.

Thence, in sec. 21.

Over rolling river bottom through scattered undergrowth.

N. 72°09' W., 12.29 chs.

N. 77°45' W., 11.00 chs.

S. 69°30' W., 15.70 chs.

S. 37°00' W., 21.80 chs.

S. 56°30' W., 18.80 chs. At 12.30 chs. on this course the mouth of draw from the S.

S. 64°00' W., 1.90 chs. At 2.50 chs. on this course,
the mouth of draw from the S.

S. 77°30' W., 5.50 chs. to meander cor. secs. 20 and
21, heretofore described.

Land, rolling river bottom.

Soil, deep loose sand; 3rd rate.

Undergrowth, scattered greasewood, willows and rabbit-
brush.

No timber.

Thence in sec. 20.

Over rolling river bottom and sloping surface rock,
through scattered and dense undergrowth.

S. 57°07' W., 13.80 chs.

S. 74°00' W., 22.50 chs. At 12.70 chs. on this course,
the mouth of draw from SW.

At 21.30 chs. on this course,
cross placer workings.

N. 65°30' W., 24.70 chs. At 22.80 chs. on this course,
the mouth of draw from SW.

N. 50°30' W., 8.30 chs. At 5.80 chs. on this course,
the mouth of draw from SW.

N. 33°30' W., 6.60 chs.

N. 36°00' W., 4.30 chs.

N. 20°30' W., 4.70 chs.

N. 30°30' W., 7.50 chs. At 5.80 chs. on this course,
the mouth of draw from SW.

N. 6°30' W., 15.40 chs. to meander cor. secs. 17 and 20,
heretofore described.

Land, rolling river bottom and sloping surface rock.

Soil, deep loose sand and surface rock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows,
and rabbitbrush.

No timber.

Thence in sec. 17. Over rolling river bottom and sloping surface rock, then scattered and dense undergrowth.

N. 2°15' W., 22.20 chs. At the end of this course, pass on top of vertical ledge, 130 ft. high; thence along top of vertical ledge.

N. 4°15' W., 7.30 chs.

N. 23°00' W., 3.30 chs. At the end of this course, descend over ledges 75 ft. high.

N. 20°00' W., 2.00 chs.

N. 47°00' W., 2.10 chs. to meander cor. secs. 17 and 18 heretofore described.

Land, broken surface rock and rolling river bottom.

Soil, deep loose sand and surface rock; 3rd rate.

Undergrowth, scattered and dense greasewood, willows, and rabbitbrush.

No timber.

Thence, in sec. 18.

Over rolling river bottom and surface rock through dense and scattered undergrowth.

N. 47°00' W., 1.60 chs.

West, 4.87 chs.

S. 80°00' W., 25.60 chs.

N. 81°30' W., 16.00 chs. At the end of this course, an old placer working at mouth of wash from the SW.

N. 61°00' W., 4.70 chs.

N. 44°00' W., 3.70 chs.

N. 24°00' W., 11.50 chs.

N. 18°00' W., 23.60 chs.

N. 18°30' W., 37.50 chs. to meander cor. secs. 17 and 18 heretofore described.

Land, rolling river bottom and surface rock.

Soil, deep sand and surface rock; 3rd rate.

The lands within the boundaries of this township, are

broken by deep canyon, gulches and perpendicular rims

of mesas, and have a general southerly and northerly

drainage into the San Juan River.

The northwest point of No Man's Land Mesa is found in

the southeast portion of the township, and the northwest

point of Piute Mesa extends across the southwest

portion of the township. These two mesas are the high-

est points in the township, and are approximately

500 feet high.

Soil, shallow loose sand in the depressions of the

surfacerock; 4th rate.

Undergrowth, none.

No timber.

Latitudes Departures and Closing Errors, T. 41 S., R. 12 E.

Lines designated	True bearings	Dist- ances. Chs.	Latitudes.		Departures.	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. Bdy.	T41S R12E South	479.79	.....	479.79	.....	.....
S. Bdy.	T41S R12E East	477.82	.....	.....	477.82	.....
E. Bdy.	T41S R12E North	479.29	479.29	.....	.....	.....
6th St.	P.S. R13E West	26.91	.....	.....	.....	26.91
8th St.	P.S. R12E West	450.16	.....	.....	.....	450.16
Convergency	West	.55	.....	.....	.....	.55
			479.29	479.79	477.82	477.62
				479.29	477.62	
Errors in latitudes and departures.			0.50	0.20		

General Description, T. 41 S., R. 12 E.

The lands within the boundaries of this township, are

broken by deep canyon, gulches and perpendicular rims

of mesas, and have a general southerly and northerly

drainage into the San Juan River.

The northwest point of No Man's Land Mesa is found in

the southeast portion of the township, and the northwest

point of Piute Mesa extends across the southwest

portion of the township. These two mesas are the high-

est points in the township, and are approximately

one-thousand feet above the surrounding country. The tops of these mesas are rimmed with perpendicular sandstone ledges approximately two-hundred feet high, and in most places are inaccessible.

The San Juan River, which is a stream of muddy water, approximately four chains wide and three feet deep, which flows in a westerly direction through the central portion of the township. In the west portion of the township, this river flows through a deep canyon with nearly inaccessible north and south breaks, while the east portionⁱⁿ which the river flows, has more gradual slopes from rolling benches to the edge of the water. Both the right and left banks of this river were meandered.

The soil throughout the township, on the tops and slopes of the benches and mesas, consists of a shallow, rocky, clay, and sand loam and may be classified as third and fourth rates, while that along the bottom lands of the San Juan River, the draws, and washes, consists of a deep loose sand, and may be classified as third rate.

Except the San Juan River, the only permanent stream of water is found in the bottom of Castle Wash, which flows in a southerly direction to the San Juan River, through sections, 1, 12, and 13. This stream is about 5 links wide and 4 inches deep. Several seeps of alkali water were found throughout the township, but most of these seeps dry up during the summer months.

The only timber found in the township, was a few scattered pinon and scrub juniper on the tops of the mesas and benches, which has no commercial value except for fire wood.

A scattered undergrowth shadscale, mountain rush, black-brush, and native grasses were found throughout the township which affords fair grazing for stock. Along the bottom lands of the San Juan River, is scattered and dense undergrowth of greasewood, willows and rabbit-

brush was found.

An old road, bears in a southwesterly and northwesterly direction through the central portion of the township. At present, this road is only passable by wagon from the east boundary of the township to the NW. $\frac{1}{4}$ of section 27.

U.S. Mineral Monument No. 272, of the Monumental Mining District, is located in the central portion of section 22.

Kathyn Z placer mining claim, survey No. 6769, which is a patented claim is located near the true point for the $\frac{1}{4}$ section corner sections 20 and 21.

The remains of placer mining which was carried on about twenty years ago, were found along the banks of San Juan River in sections 20 and 21.

At the time of the survey, no improvements, indications of oil, coal, or mineral were found on the township.

No settlers were living on the township, and the township is suitable for a grazing range for stock.

No portion of the township is suitable for farming.

The magnetic declination was not determined.

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CERTIFICATE OF UNITED STATES SURVEYOR

I, Elie S. C. Smith, ^{Transitman} U. S. ~~Surveyor~~, hereby certify upon honor that of special instructions received from the District Cadastral Engineer for Utah bearing date of the 24th day of September, 1923, I have well, faithfully, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying, and the laws of the United States, surveyed all those parts or portions of T. 41 S., R. 1 E.

_____ of the Salt Lake Base and _____ Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*Helena, Mont.
May 29, 1924*


U. S. Surveyor

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

The foregoing field notes of the survey of _____

executed by _____ under his special instructions dated _____, 19____, having critically examined, and the necessary corrections and explanations made, the said field notes, and the _____ they describe, are hereby approved.

U. S. Supervisor of _____

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Supervisor

**COMPLETE LIST OF ALL
FIELD ASSISTANTS.**

And: M

CERTIFICATE OF UNITED STATES SURVEYOR

Willis W. Bandy, and
 I, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in

of special instructions received from the District Cadastral Engineer for Utah
 bearing date of the 24th day of September, 19 23 ^{We} have well, faithfully, and
 in ^{our} ~~my~~ own proper person, and in strict conformity with said instructions, the Manual of Surveying In-
 structions, and the laws of the United States, surveyed all those parts or portions of Eighth Standard
Parallel South Through Range 12 East; the West Boundary and
Subdivision of, T. 41 S., R. 12 E.

of the Salt Lake Base
 And Meridian, in the State of Utah, which are represented
 the foregoing field notes as having been executed by ^{us} ~~me~~, and under ^{our} ~~my~~ direction; and that all the corners
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying In-
 structions, and the special written instructions of the District Cadastral Engineer for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes
 such survey. Certified to at: Washington, D. C.,

Jan. 21, 1929

Bluff, Utah. Jan. 12, 1929

~~Salt Lake City, Ut. Jan. 24, 1929.~~

Willis W. Bandy
Chas. F. Moore
 U. S. Surveyor.

~~We certify that the foregoing notes of the lines surveyed by Edie~~
~~S.C. Smith, U.S. Transitman, were compiled by us from his field table~~
~~It was impossible to obtain his signature to this certificate.~~

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

~~U. S. Cadastral Engineer.~~

DENVER, COLORADO MAY 31 1929, 19

~~U. S. Surveyor.~~

The foregoing field notes of the survey of Eighth Standard Parallel South
through R. 12 E.; the West Boundary and Subdivision of

T. 41 S., R. 12 E., of the Salt Lake Base and Meridian, in the
State of Utah

executed by Willis W. Bandy, U.S. Surveyor, Chas. F. Moore, U.S. Surveyor
and Edie S.C. Smith, U.S. Transitman
 under ^{their} ~~his~~ special instructions dated September 24,, 1923, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
 they describe, are hereby approved.


 U. S. Supervisor of Surveys

~~I certify that the foregoing transcript of the field notes of the above-described surveys in~~
~~has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys~~

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BOOK A-486

RECORDED
JAS
DISTRICT CADASTRAL ENGINEER,
SALT LAKE CITY, UTAH

FIELD NOTES

OF THE ~~SURVEY OF THE~~

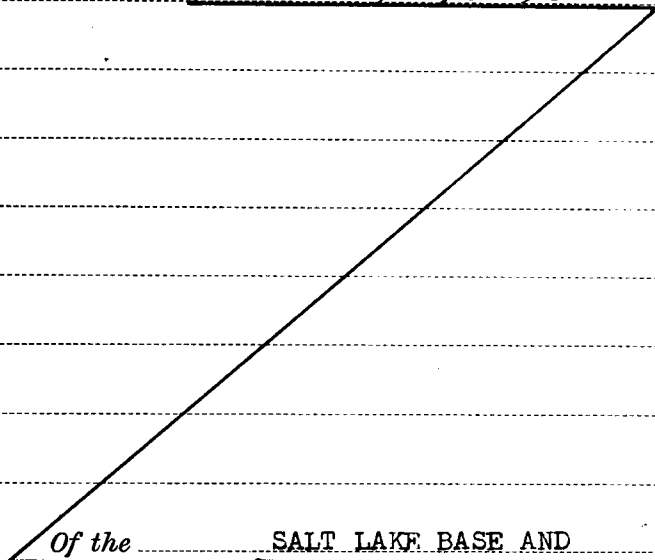
RESURVEY OF THE FIFTH STANDARD PARALLEL SOUTH,

THROUGH RANGE 23 EAST : RESURVEY OF THE

WEST BOUNDARY AND SUBDIVISION AND

SURVEY OF THE SUBDIVISION OF

T.25 S., R.23 E.



Of the SALT LAKE BASE AND Meridian,

the State of UTAH

EXECUTED BY

CHAS. F. MOORE

AND

WILLIS W. BANDY

in the capacity of U. S. Surveyors, under instructions dated January 25, 1924,
issued by the United States Surveyor General to govern surveys included in
Map No. 156, which were approved by the Commissioner of the General Land
Office, March 14, 1924; ~~and~~ and assignment instructions dated
15, 1924.

Survey commenced July 26, 1924, ~~1924~~

Survey completed August 12, 1924, ~~1924~~

1885 A 486

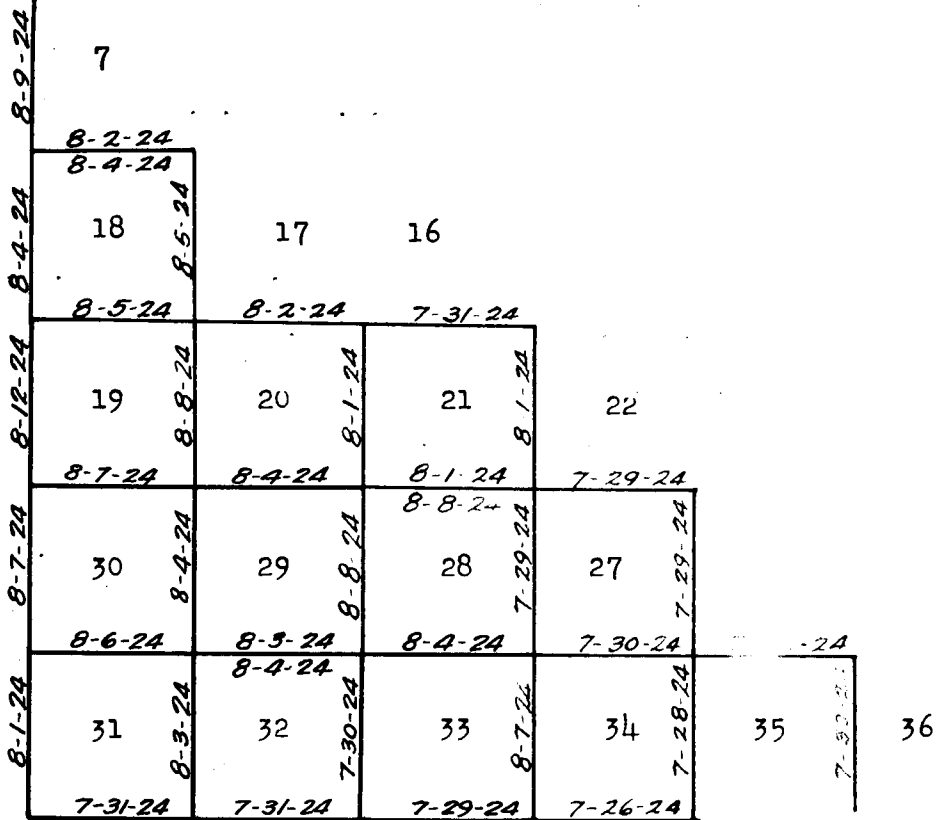
INDEX DIAGRAM.

Township 25 South, Range 23 East

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15	21 7	8	9	10	11	12
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	35					
14	18 25	17	16	15	14	13
	19 59	25	24			
		34 24	33			
13	18 19 40	20	21 24	22	23	24
	56	40	39 24	23		
			31 24	30		
13	16 30 57	29 50	28 30	27 23	29 26	25
	55	53	48 38	37 23	22	
				28 23	26	
13	15 31 51	32 46	33 44	34 28	35 22	36 25
	6	6	5	5		
	11	10	8	7		

Date Diagram

T. 25 S., R. 23 E.



Lines dated and colored with black ink were surveyed by

Chas. F. Moore, U. S. Surveyor.

Lines dated and colored with red ink were surveyed by

Willis W. Bandy, U. S. Surveyor.

Survey commenced July 26, 1924 and executed with ~~transit~~ and Buff transit No. 9220 used by Chas. P. Moore, surveyor and with Young and Sons transit No. 8544 used by Willis W. Bandy, U. S. surveyor; both instruments are equipt with full vertical circles and Smith solar attachment and unless otherwise specified all azimuth determinations are accomplished with the solar attachment.

We examine the adjustments of the instruments and correct all errors, then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris we proceed as follows:

July 27, 1924: At camp, near the N. bdy. of sec. 9, T. 26 S., R. 23 E., latitude $38^{\circ}34'N.$, longitude $109^{\circ}24'W.$, at 9h. a.m. apparent time, we set off $38^{\circ}34'$ on the latitude arcs, $19^{\circ}11\frac{1}{2}'N.$, on the declination arcs of both instruments and determine a meridian with the solars and note that a rocky point bears North.

At apparent noon with the latitude arcs unchanged we observe the sun on the meridian, the resulting reading of the declination arcs of both instruments is $19^{\circ}10'$ which agrees with the computed declination of the sun.

At 3h. p.m. apparent time, with the latitude arcs unchanged, we set off $19^{\circ}08'N.$, on the declination arcs and determine a meridian with the solars and find that the rocky point bears North.

At the same station, at 11h. 55.0 m. p.m. by my watch which is found by comparison with a Western Union Telegraph clock to be 17.6 m. fast of l.m.t., and with transit No. 9220, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined.

... on a peg driven firmly in the ground, about 8 chs. north.

... Azimuth of Polaris at eastern elongation = $1^{\circ}24'50''$
July 28, 1924: I lay off the azimuth of Polaris $1^{\circ}25'$ to the west and note that the true meridian strikes the rocky point observed in the solar observations of July 27.

As all the solar observations during the usual hours of solar work practically agree with the true meridian we conclude that the adjustment of the instruments are satisfactory.

Satisfactory adjustment of the instruments was also maintained during the progress of the survey, frequent tests of the solar apparatus having been made on the above Polaris meridian.

Unless otherwise specified all measurements are made with Lallie steel ribbon tapes 5 chs. long compared with a Lufkin standard steel tape kept and used for that purpose and found correct. The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEDURE

The south boundary or Fifth Standard Parallel South was originally surveyed by Ferdinand Dickert, U.S. deputy surveyor in 1878 and was resurveyed by D.C. Clement, U.S. surveyor, under group 42, Utah, in 1915. The west four miles of this boundary is again resurveyed under this group; the standard cor. of secs. 33 and 34 being established by projecting a line south from the SW. cor. of sec. 27, T.25 S., R.23 E. to an intersection with the standard parallel. The quarter-section cor. for sec. 34 is established 40.00 chs. east of the standard cor. of secs. 33 and 34 and the remaining

Chains

standard cors. are established at regular distances to the west and fractional distance placed in the western half mile. The old standard cors. are changed to angle points.

The south 5 miles of the previously surveyed west bdy. of T.25 S., R.23 E. are retraced and the marks on the original cors. changed to refer to R.22 E. by reason of the fact that closing cors. for subdivisional surveys in R.23 E. are necessary on this boundary. Quarter-section cors. are established midway bet. the closing cors. except on the west boundaries of secs. 19 and 30 where they are established 40.00 chs. northing from the closing cor. of secs. 19 and 30 and 30 and 31.

In the extension surveys of the subdivision of T.25 S., R.23 E. all the lines adjacent to the new work are retraced and the missing cors. restored. The survey of the previously partially surveyed sections are completed as follows: the S. $\frac{1}{2}$ mile bet. secs. 34 and 35 is completed by connecting the quarter-section cor. bet. secs. 34 and 35 and the standard cor. of secs. 34 and 35; the southwest cor. of sec. 27 is established at the intersection of a line projected west from the quarter-section cor. bet. secs. 27 and 34 with one projected south from the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28; the cor. of secs. 20 and 21 is established at the intersection of a line projected west from the quarter-section cor. bet. secs. 21 and 28 with one projected south from the quarter-section cor. bet. secs. 20 and 21; the cor. of secs. 19 and 20 is established at the intersection of a line run west from the cor. of secs. 20 and 21 with one run south from the corner of sections 17, 18, 19 and 20, fractional distance of the south boundary of sec. 20 is placed in the west

Resurvey Fifth Standard Parallel South, through R.23 E.

Chains

half mile; the west half mile bet. secs. 7 and 18 is run west on true line to an intersection with the W. bdy. of the Tp. where a closing cor. is established. The remaining unsurveyed portion of the subdivision is completed in the regular manner and closing cors. are established at the intersection of the boundaries of the previous surveys. Quarter-section cors. for each sec. are established at their proper positions with reference to the closing cors. and each sec. is monumented in order to have a full complement of cors.

RESURVEY FIFTH STANDARD PARALLEL SOUTH; THROUGH R.23 E.

Random Lines.

I begin at the witness cor. to the standard cor. of secs. 34 and 35 which is 10.73 chs. N.89°50'W. of the true cor. point, hereinafter described.

Thence

N.89°50'W., on S. bdy. of sec. 34 counting distances from the witness cor.

27.85 Fall 6 lks. N. of the standard $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N.89°57'W., and the distance is 27.85 chs.

From point 6 lks. N. of $\frac{1}{4}$ sec. cor., continue N.89°50'W., with continuous measurement.

67.03 Intersect the standard cor. of secs. 33 and 34 hereinafter described.

The bearing of this half mile therefore is N.89°45'W., and the distance is 39.18 chs.

From the standard cor. of secs. 33 and 34.

N.89°55'W., on the S. bdy. of sec. 33.

Chains

40.03 Fall 3 lks. N. of the standard $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N.89°58'W., and the distance is 40.03 chs.

From point 3 lks. N. of $\frac{1}{4}$ sec. cor., continue N.89°55'W., with continuous measurement.

80.08 Fall 8 lks. N. of the standard cor. of secs. 32 and 33 hereinafter described.

The bearing of this half mile therefore is N.89°59'W., and the distance is 40.05 chs.

From the standard cor. of secs. 32 and 33. N.89°55'W., on the S. bdy. of sec. 32.

39.92 Fall 8 lks. N. of the standard $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is S.89°58'W., and the distance is 39.92 chs.

From point 8 lks. N. of the $\frac{1}{4}$ sec. cor., continue N.89°55'W., with continuous measurement.

79.65 Fall 7 lks. S. of the standard cor. of secs. 31 and 32 hereinafter described.

The bearing of this half mile therefore is N.89°42'W., and the distance is 39.73 chs.

From the standard cor. of secs. 31 and 32. N.89°55'W., on the S. bdy. of sec. 31.

39.83 Fall 25 lks. S. of the standard $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N.89°33'W., and the distance is 39.83 chs.

From point 25 lks. S. of the $\frac{1}{4}$ sec. cor., continue N.89°55'W., with continuous measurement.

79.70 Fall 20 lks. S. of the standard cor. of T. 25 S., Rs. 22 and 23 E. hereinafter described.

The bearing of this half mile therefore is N.89°59'W., and the distance is 39.87 chs.

Resurvey Fifth Standard Parallel South, through R.23 E.

Chains

True Lines.

The line bet. secs. 33 and 34, T.25 S., R.23 E. projected south from the SW. cor. of sec. 27 intersects the standard parallel, 4.84 chs. N.89°58'W. of the standard cor. of secs. 33 and 34. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for standard cor. of secs. 33 and 34, with brass cap marked

SC
T25S | R23E
S33 | S34

1924

from which

A piñon, 8 ins.diam., bears N.87°E., 47 lks.

dist., marked T.25 S R 23 E S 34 SC BT

A cedar, 20 ins.diam., bears N.5°W., 10 lks.

dist., marked T 25 S R 23 E S 33 SC BT

Thence

S.89°58'E., along S. bdy. of sec. 34

Over rolling and broken mesa through medium growth of timber and undergrowth.

4.84 The reconstructed original standard cor. of secs. 33 and 34 which is an iron post, 3 ins. in dia., firmly set in a mound of stone and marked and witnessed as described by the surveyor general.

I deface the markings on the cor. monument and remark same AP for angle point and also deface bearing trees.

Thence

S.89°45'E., with continuous measurement.

37.40 Spur, 150 ft. above sec. cor., projects NE.; gradually descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 18 ins. in a mound of stone for standard 1/4 sec. cor., with brass cap marked

SC ✓
1/4 S34

1924

Chains

from which

A pinon, 10 ins. diam., bears N. 32° E., 82 lks.
dist., marked $\frac{1}{4}$ S 34 SC BT

A pinon, 10 ins. diam., bears N. 60° W., 24 lks.
dist., marked $\frac{1}{4}$ S 34 SC BT

44.02 The reestablished standard $\frac{1}{4}$ sec. cor. S. bdy. sec. 34
which is an iron post, 1 in. in dia., firmly set in
the ground and mound of stone, and marked and witness-
ed as described by the surveyor general.

I destroy the marks on the cor. monument and remark
same for angle point; I also deface bearing trees.

Thence

S. $89^{\circ}57'$ E., with continuous measurement.

60.30 Road, from Moab to Castleton, Utah, bears NW. and SE.,
50 ft. below spur.

71.87 The reestablished witness cor. to the standard cor. of
secs. 34 and 35 which is an iron post, 3 ins. in dia.,
firmly set in the ground and mound of stone, and
marked and witnessed as described by the surveyor
general.

This cor. stands on top of high ledge and breaks of
mesa, bears NW. and SE.

The true point for the standard cor. of secs. 34 and 35
is 10.73 chs. S. $89^{\circ}50'$ E. and falls on face of high
ledges, the cor. point cannot be reached.

Land, rolling and broken mesa.

Soil, sandy loam and rocky of sandstone formation; 3rd.
rate.

Timber, cedar and pinon.

Undergrowth, sagebrush, rabbit brush and mountain rush.

Fair grazing.

From the standard cor. of secs. 33 and 34 .

N. $89^{\circ}58'$ W. on the S. bdy. of sec. 33 .

Over rolling mesa land through medium growth of timber
and undergrowth.

Resurvey Fifth Standard Parallel South, through R.23 E.

Chains

35.19 The reestablished standard $\frac{1}{4}$ sec. cor. S. bdy. sec. 33 which is an iron post, 1 in. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

I destroy the marks on the cor. monument and remark same for angle point; I also deface bearing tree.

Thence

N.89°59'W. with continuous measurement.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for standard $\frac{1}{4}$ sec. cor. with brass cap marked

$$\begin{array}{r} \text{SC} \\ \frac{1}{4} \text{ S } 33 \\ \hline 1924 \end{array}$$

from which

A sandstone outcropping, marked X BO S33

bears N.7°E., 9 lks. distant.

A pinon, 12 ins.diam., bears N.22°W., 46 lks.

dist., marked $\frac{1}{4}$ S 33 SC BT

57.00 Canyon, 200 ft. below $\frac{1}{4}$ sec. cor., drains NW.; ascend.

75.24 The standard cor. of secs. 32 and 33, which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

I destroy the marks on the cor. monument and remark cor. for angle point; I also deface bearing trees.

Thence

S.89°58'W., with continuous measurement.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for standard cor. of secs. 32 and 33, with brass cap marked

$$\begin{array}{r} \text{SC} \\ \text{T25S} \mid \text{R23E} \\ \text{S32} \mid \text{S33} \\ \hline 1924 \end{array}$$

from which

Resurvey Fifth Standard Parallel South, through

Chains

A pinon, 6 ins.diam., bears N. $44\frac{1}{2}^{\circ}$ E., 59 lks.

dist., marked T 25 S R 23 E S 33 SC BT

A pinon, 3 ins.diam., bears N. $73\frac{1}{2}^{\circ}$ W., 41 lks.

dist., marked BT

Land, broken mesa; general N. exposure and W. drainage.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush, oak and service berry brush.

Fair grazing.

S. $89^{\circ}58'$ W., along S. bdy. of sec. 32.

Over rough, broken mesa through dense scrub timber and undergrowth.

15.60 East side of canyon, bears NE. and SW., descend.

22.00 Bottom of canyon, 125 ft. deep, drains SW.; ascend 150 ft. to

31.45 Top of W. side of canyon, bears NE. and SW.; continue over broken mesa, timber becomes more scattering.

35.16 The standard $\frac{1}{4}$ sec. cor. which is an iron post, 1 in. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

I destroy the marks on the cor. monument and remark cor. for angle point; I also deface bearing trees.

Thence

N. $89^{\circ}42'$ W., with continuous measurement.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S32

1924

from which

A pinon, 9 ins.diam., bears N. $77\frac{1}{2}^{\circ}$ E., 117 lks.

dist., marked $\frac{1}{4}$ S 32 SC BT

A pinon, 6 ins.diam., bears N. $59\frac{1}{2}^{\circ}$ W., 99 lks.

dist., marked $\frac{1}{4}$ S 32 SC BT

Resurvey Fifth Standard Parallel South, through R.23 E.

Chains

74.89 The standard cor. of secs. 31 and 32 which is an iron post, 3 ins. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

I destroy the marks on this cor. monument and remark same for angle point; I also deface the bearing objects established at this cor.

Thence

N.89°33'W., with continuous measurement.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for standard cor. of secs. 31 and 32 with brass cap marked

SC	
T25S	R23E
S31	S32

1924

from which

A cedar, 6 ins.diam., bears N.35°E., 108 lks.

dist., marked T 25 S R 23 E S 32 SC BT

A pinon, 6 ins.diam., bears N.76°W., 77 lks.

dist., marked T 25 S R 23 E S 31 SC BT

Land, rough, broken mesa with NW. and S. slopes from sandstone ridges.

Soil, sandy and sandstone rock; 3rd. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush, oak, service berry and buck brush.

Fair grazing.

N.89°33'W., on the S. bdy. of sec. 31.

Descend over broken mesa through scattering scrub timber and undergrowth.

34.72 The standard $\frac{1}{2}$ sec. cor. which is an iron post, 1 in. in dia., firmly set in a mound of stone, and marked and witnessed as described by the surveyor general.

Resurvey Fifth Standard Parallel South, through R. 23

Chains

I destroy the marks on the cor. monument and remark same for angle point.

Thence

N. 89° 59' W., with continuous measurement.

10.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S 31

1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. No suitable bearing trees available.

From this cor. a small spring of good water, bears N. 37° 15' E., 14.72 chs. distant.

71.20 Road, from Moab to Castleton, Utah, bears NE. and SW.

71.59 The standard cor. of T. 25 S., R. 22 and 23 E., which is an iron post, 3 ins. in dia., firmly set in the ground, and marked and witnessed as described by the surveyor general.

Land, rolling and broken mesa, general NW. exposure and drainage.

Soil, west portion of mile is a deep, red sand; 2nd. rate; on eastern portion of mile it is mostly surface rock of sandstone formation.

Timber, scattering cedar and pinon.

Undergrowth, scattering sagebrush with patches of oak and service berry brush.

Pain grazing on western portion of mile.

RESURVEY OF THE WEST BOUNDARY OF T. 25 S., R. 23 E.

Resurvey of the West Boundary of T.25 S., R.23 E.

Chains

Random Lines.

From the standard cor. of T.25 S., Rs. 22 and 23 E.

North, bet. secs. 31 and 36.

40.23 Fall 23 lks. W. of the $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}20'E.$,

and the distance is 40.23 chs.

From point 23 lks. W. of $\frac{1}{4}$ sec. cor., continue

North, with continuous measurement

80.45 Fall 39 lks. W. of the cor. of secs. 25, 30, 31 and 36

hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}14'E.$,

and the distance is 40.22 chs.

From the cor. of secs. 25, 30, 31 and 36.

North, bet. secs. 25 and 30.

39.68 Fall 55 lks. W. of the $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}48'E.$,

and the distance is 39.68 chs.

From point 55 lks. W. of $\frac{1}{4}$ sec. cor., continue

North, with continuous measurement.

79.68 Fall 45 lks. W. of the cor. of secs. 19, 24, 25 and 30

hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}09'W.$,

and the distance is 40.00 chs.

From the cor. of secs. 19, 24, 25 and 30.

North, bet. secs. 19 and 24.

40.31 Fall 21 lks. W. of the $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}18'E.$, and

the distance is 40.31 chs.

From point 21 lks. W. of $\frac{1}{4}$ sec. cor., continue

North, with continuous measurement.

80.91 Fall 32 lks. W. of the cor. of secs. 13, 18, 19 and 24

hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}09'E.$,

and the distance is 40.60 chs.

Chains

From the cor. of secs. 13, 18, 19 and 24.

North, bet. secs. 13 and 18.

40.10 Fall 10 lks. W. of the $\frac{1}{2}$ sec. cor. hereinafter described.
The bearing of this half mile therefore is N.0°09'E.,
and the distance is 40.10 chs.

From point 10 lks. W. of the $\frac{1}{2}$ sec. cor., continue
North, with continuous measurement.

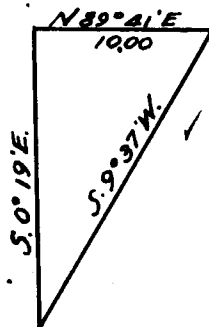
59.46 Fall 10 lks. W. of the witness cor. to the cor. of secs.
7, 12, 13 and 18 hereinafter described.

The bearing of the S. portion of the north half mile bet.
secs. 13 and 18 therefore is North, and the distance is
19.36 chs.

The line north descends break of mesa and cannot be
chained; the true point for the cor. of secs. 7, 12, 13
and 18 also falls on inaccessible ground. In order to
determine the distance to the north I triangulate as
follows:

Erect flag "A" at the witness cor. to the cor. of secs.
7, 12, 13 and 18 and then proceed to the $\frac{1}{2}$ sec. cor. W. bdy.
sec. 7, T.25 S., R.23 E. From the $\frac{1}{2}$ sec. cor. W. bdy.
sec. 7, flag "A" bears S.0°19'E.

I now measure base line from
the $\frac{1}{2}$ sec. cor., N.89°41'E.,
10.00 chs., and from the E.
end of the base find that
flag "A" bears S.9°37'W. All



bearings taken by direct reading of the solar and angles
checked by deflection.

Distance by triangulation = 57.10 chs.

The line connecting the Witness Cor. to the cor. of secs.
7, 12, 13 and 18 and the $\frac{1}{2}$ sec. cor. W. bdy. sec. 7, there-
fore, bears N.0°19'W., and the distance is 57.10 chs.

The distance of the north portion of the N. half mile
bet. secs. 13 and 18 is 19.61 chs. and the S. half mile
W. bdy. sec. 7 is 37.49 chs.

Resurvey of the West Boundary of T.25 S., R.23 E.

Chains

From the $\frac{1}{2}$ sec. cor. W. bdy. sec. 7, reestablished for the $\frac{1}{2}$ sec. cor. bet. secs. 7 and 12, hereinafter described.

North, bet. secs. 7 and 12.

39.89 Fall 6 lks. E. of the original cor. of secs. 1, 6, 7 and 12 hereinafter described.

The bearing of this half mile therefore is N.0°05'W., and the distance is 39.89 chs.

True Lines

From the standard cor. of T.25 S., Rs. 22 and 23 E., N.0°20'E., along E. bdy. sec. 36, T.25 S., R.22 E.

Over rough bench land through scattering timber and undergrowth.

12.15 Head of small draw, drains NW.

39.885 Point midway bet. the standard cor. of T.25 S., Rs. 22 and 23 E. and the closing cor. of secs. 30 and 31, T.25 S., R.23 E.,

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{2}$ sec. cor. W. bdy. sec. 31, T.25 S., R.23 E., with brass cap marked

$\frac{1}{2}$ S31

1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. No suitable bearing trees available.

40.23 The original $\frac{1}{2}$ sec. cor. bet. secs. 31 and 36 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. now refers to sec. 36, T.25 S., R.22 E. only, therefore, I deface marks on cor. monument pertaining to sec. 31 and deface the east bearing tree.

Thence

Resurvey of the West Boundary of T.25 S., R.23 E.

Chains

N.0°14'E., with continuous measurement.

50.05 Top of ledge and edge of "Nigger Bill Canyon", bears NW. and SE.; descend.

64.50 Bottom of Nigger Bill Canyon, 260 ft. below rim, drains NW.; ascend.

76.00 Top of ledge and N. rim of canyon, bears NW. and SE.; continue over bench land,

79.77 The closing cor. of secs. 30 and 31, T.25 S., R.23 E. subsequently established at this point.

80.45 The original cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. will now refer to secs. 25 and 36, T.25 S., R.22 E. only, therefore, I deface the marks on the cor. monument that refer to secs. 30 and 31 and also deface the bearing trees in secs. 30 and 31.

Land, rough bench land broken by deep canyon; general NW. exposure and drainage.

Soil, red sand and sandstone rock; 3rd. rate.

Timber, scattering cedar and pinon.

Undergrowth, sagebrush and yellow top.

Fair grazing.

N.0°18'E., on E. bdy. of sec. 25, T.25 S., R.22 E.

Ascend over broken bench land through scattering timber and short undergrowth.

39.32 Northing of 40.00 chs. from the closing cor. of secs. 30 and 31, T.25 S., R.23 E.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for 1/2 sec. cor. W. bdy. sec. 30, T.25 S., R.23 E. with brass cap marked

Resurvey of the West Boundary of T.25 S., R.23 E.

Chains

from which

A cedar, 5 ins.diam., bears N. $63\frac{1}{4}^{\circ}$ E., 44 lks.dist., marked $\frac{1}{4}$ S 30 B TA cedar, 6 ins.diam., bears S. 70° E., 70 lks.dist., marked $\frac{1}{4}$ S 30 B T

39.68 The original $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. will now refer to only sec. 25, therefore I deface cor. monument of marks pertaining to sec. 30 and also deface the bearing tree in sec. 30.

Thence

N. $0^{\circ}09'$ W., with continuous measurement.

44.00 Top of ascent and brink of bench, bears E. and W.; thence over gently rolling ground.

72.00 Brink of bench, bears NW. and SE.; descend.

76.60 The closing cor. of secs. 19 and 30, T.25 S., R.23 E. subsequently established at this point.

Bottom of draw, drains NW.; ascend 75 ft. to

79.68 The original cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. now refers to secs. 24 and 25, T.25 S., R.22 E. only, therefore, I deface the marks on the cor. monument that refer to secs. 19 and 30 and also deface the bearing trees in secs. 19 and 30.

Land, rolling and broken bench; general NW. exposure and drainage.

Soil, loose red sand and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, sagebrush, yellow top and rabbit brush.

Fair grazing.

Resurvey of the West Boundary of T.25 S., R.22 E.

Chains	<p>N.0°18'E., on E. bdy. of sec. 24, T.25 S., R.22 E. Over rough mountainous bench land through dense timber and short undergrowth. Ascend.</p> <p>2.00 Low spur, bears E. and W.; descend 60 ft.</p> <p>8.50 Draw, drains W.; ascend.</p> <p>36.50 Ridge, 75 ft. above draw, bears NW. and SE.; descend.</p> <p>36.92 Northing of 40.00 chs. from the closing cor. of secs. 18 and 30, T.25 S., R.23 E. Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. a large mound of stone over a cross (X) cut in surface rock for $\frac{1}{4}$ sec. cor. W. bdy. of sec. 19, T.25 S., R.23 E., with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$S19 1924 </div> <p>from which</p> <p style="padding-left: 40px;">A pinon, 6 ins.diam., bears N.20$\frac{1}{2}$°E., 53 lks. dist., marked $\frac{1}{4}$ S 19 B T</p> <p style="padding-left: 40px;">A pinon, 6 ins.diam., bears S.30$\frac{3}{4}$°E., 28 lks. dist., marked $\frac{1}{4}$ S 19 B T</p> <p>40.31 The original $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.</p> <p>This cor. now refers to sec. 24, T.25 S., R.22 E. only, therefore, I deface the marks on cor. monument that pertain to sec. 19 and also deface the bearing tree in sec. 19.</p> <p>Thence N.0°09'E., with continuous measurement.</p> <p>53.50 Draw. 160 ft. below ridge, drains NW.; ascend.</p> <p>65.50 Ridge, 60 ft. above draw, bears NW. and SE.; descend 100 ft. to</p> <p>77.40 Canyon, drains NW.; ascend.</p> <p>79.31 The closing cor. of secs. 18 and 19, T.25 S., R.23 E. subsequently established at this point.</p>
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Resurvey of the West Boundary of T.25 S., R.23 E.

Chains

- 80.91 The original cor. of secs. 13, 18, 19 and 24 which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.
- This cor. now refers to secs. 13 and 24, T.25 S., R.22 E. only, therefore, I deface cor. monument of the marks pertaining to secs. 18 and 19 and also deface the bearing trees in secs. 18 and 19.
- Land, rough mountainous bench; general NW. exposure and drainage.
- Soil, red sand and sandstone rock; 3rd. rate.
- Timber, cedar and pinon.
- Undergrowth, sagebrush and yellow top.
- Fair grazing.
- N.0°09'E., on E. bdy. of sec. 13, T.25 S., R.22 E.
- Ascend over rough broken bench land through scattering timber and short undergrowth.
- 14.00 Spur, 200 ft. above cor., projects NW.; descend.
- 16.45 Draw, 75 ft. below spur, drains NW.; ascend.
- 31.00 Spur, projects S.80°W.; descend.
- 37.59 Point for the $\frac{1}{4}$ sec. cor. W. bdy. sec. 18, midway bet. the closing cor. of secs. 18 and 19 and the point for the closing cor. of secs. 7 and 18, T.25 S., R.23 E. falls on steep sloping bedrock where cor. cannot be set.
- 38.40 Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for the witness cor. to the $\frac{1}{4}$ sec. cor. W. bdy. sec. 18, T.25 S., R.23 E., with brass cap marked

$\frac{1}{4}$ S18

WC
1924

from which

Sandstone boulder, 6x6x4 ft., marked X BO S 18

Chains

bears East, 10 lks. distant.

Other accessories impracticable.

- 40.10 The original $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18 which is an iron post, 1 in. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. now refers to sec. 13, T.25 S., R.22 E. only, therefore I deface cor. monument of the marks that pertain to sec. 18 and also deface bearing tree in sec. 18.

Thence

North, with continuous measurement.

- 40.40 Head of canyon, drains W.; ascend 200 ft. over broken S. slope to

- 59.46 The witness cor. to the cor. of secs. 7, 12, 13 and 18 which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

This cor. now refers to secs. 12 and 13, T.25 S., R.22 E. only, therefore I deface cor. monument of the marks that pertain to secs. 7 and 18 and also deface the bearing trees in sec. 18.

Cor. stands on brink of a high mesa and sheer ledge wall of sandstone about 600 ft. high, bears NW. and SE.

Thence

N.0°19' W., by triangulation, with continuous measurement.

- 76.78 Point for the closing cor. of secs. 7 and 18 falls on inaccessible ground; witness cor. subsequently established 8.43 chs. east.

- 79.07 True point for cor. of secs. 12 and 13, T.25 S., R.22 E. falls on inaccessible break of mesa. No. cor. set.

Land, broken top of mesa draining NW. on S. 59.46 chs.

and precipitous N. break of mesa on remainder of mile.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Re-survey of the West Boundary of T.25 S., R.23 E.

Chains

Timber, cedar and pinon.

Undergrowth, sagebrush and yellow top.

Fair grazing on S. portion of mile.

N.0°19'W., ON E. bdy. of sec. 12, T.25 S., R.22 E.,
counting distances from the true point for cor. of
secs. 12 and 13.

Over precipitous break of mesa by triangulation to
Point of triangulation.

37.49 The reestablished $\frac{1}{4}$ sec. cor. W. bdy. of sec. 7, T.25 S.,
R.23 E. which is an iron post, 1 in. in dia., firmly
set in the ground, with brass cap marked

$\frac{1}{4}$ S12 | S7

1911

and witnessed as described by the surveyor general.

I remark cor. as follows:

| $\frac{1}{4}$ S7

1911

I also deface the bearing tree in sec. 12, T.25 S., R.22 E.

Thence

N.0°05'W., with continuous measurement.

Over rolling valley, gradually descending through
scattering timber and short undergrowth.

45.00 Wash, 70 lks. wide, 12 ft. deep, drains NE.

53.00 Leave timber, bears NW. and SE.

60.00 Wash, 30 lks. wide, 10 ft. deep, drains NE.

77.38 The original cor. of secs. 1, 6, 7 and 12 which is a
red sandstone, 14x8x6 ins. above ground, firmly set,
and marked and witnessed as described by the surveyor
general.

This cor. was made to refer to secs. 6 and 7, T.25 S.,
R.23 E. during the survey of T.25 S., R.22 E. in 1911.

Land, rough mountainous break of mesa on S. portion
and rolling valley on N. portion of mile.

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

Soil, rocky of sandstone formation on S. half mile and sandy loam on N. half.

Timber, cedar and pinon on S. 53.00 chs.

Undergrowth, sagebrush, rabbit brush, greasewood and yellow top.

Fair grazing on N. half mile.

RESURVEY OF THE SUBDIVISION OF T.25 S., R.23 E.

Random lines.

From the standard cor. of secs. 35 and 36 on the S. bdy. of the Tp., which is an iron post, 3 ins. in dia., firmly set in the ground and mound of stone, and marked and witnessed as described by the surveyor general.

North, bet. secs. 35 and 36.

39.57 Fall 39 lks. E. of the $\frac{1}{4}$ sec. cor. hereinafter described. The bearing of this half mile therefore is N. $0^{\circ}34'$ W., and the distance is 39.57 chs.

From point 39 lks. E. of the $\frac{1}{4}$ sec. cor., continue North, with continuous measurement.

79.71 Fall 24 lks. E. of the cor. of secs. 25, 26, 35 and 36 hereinafter described.

The bearing of this half mile therefore is N. $0^{\circ}13'$ E., and the distance is 40.14 chs.

From the cor. of secs. 25, 26, 35 and 36.

West, bet. secs. 26 and 35.

40.27 Fall 43 lks. S. of the $\frac{1}{4}$ sec. cor. hereinafter described. The bearing of this half mile therefore is N. $89^{\circ}23'$ W., and the distance is 40.27 chs.

From the $\frac{1}{4}$ sec. cor.,

West.

40.00 No trace of the cor. of secs. 26, 27, 34 and 35 can be found. Set temp. cor.

Resurvey of the subdivision of T.25 S., R.23 E.

chains

From the temp. cor. of secs. 26, 27, 34 and 35.

South, bet. secs. 34 and 35.

40.00 No trace of the $\frac{1}{4}$ sec. cor. can be found.

From the temp. cor. of secs. 26, 27, 34 and 35.

West, bet. secs. 27 and 34.

40.00 No trace of the $\frac{1}{4}$ sec. cor. can be found.

From the temp. cor. of secs. 26, 27, 34 and 35.

North, bet. secs. 26 and 27.

38.85 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27.

From the foregoing retracements it is found that the point for the restored cor. of secs. 26, 27, 34 and 35 is 1.15 chs. south of the temp. cor.

The bearing of the west half mile bet. secs. 26 and 35 therefore is S.88°21'W. and the distance is 40.02 chs.

The bearing of the south half mile bet. secs. 26 and 27 therefore is North and the distance is 40.00 chs.

From the $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27.

North.

40.10 Fall 23 lks. W. of the cor. of secs. 22, 23, 26 and 27 hereinafter described.

The bearing of this half mile therefore is N.0°20'E., and the distance is 40.10 chs.

From the cor. of secs. 22, 23, 26 and 27.

West, bet. secs. 22 and 27.

39.86 Fall 55 lks. N. of the $\frac{1}{4}$ sec. cor. hereinafter described.

The bearing of this half mile therefore is S.89°13'W., and the distance is 39.86 chs.

From point 55 lks. N. of the $\frac{1}{4}$ sec. cor., continue West, with continuous measurement.

79.99 Fall 1.38 chs. N. of the cor. of secs. 21, 22, 27 and 28 hereinafter described.

The bearing of this half mile therefore is S.88°49'W., and the distance is 40.14 chs.

Resurvey of the subdivision of T.25 S., R.23 E.

Chains	From the cor. of secs. 21, 22, 27 and 28. South, bet. secs. 27 and 28.
40.19	Fall 60.1 ks. E. of the $\frac{1}{4}$ sec. cor. hereinafter described. The bearing of this half mile therefore is S.0°52'W., and the distance is 40.19 chs.
	From the cor. of secs. 21, 22, 27 and 28. West, bet. secs. 21 and 28.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
	From the cor. of secs. 21, 22, 27 and 28. North, bet. secs. 21 and 22.
40.00	No trace of the $\frac{1}{4}$ sec. cor. can be found.
80.36	Fall 1.10 chs. W. of the cor. of secs. 15, 16, 21 and 22 hereinafter described. The bearing of this mile therefore is N.0°47'E., and the proportionate distance for each half mile is 40.18 chs.
	From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21.
40.07	Fall 19 lks. S. of the $\frac{1}{4}$ sec. cor. hereinafter described. The bearing of this half mile therefore is N.89°44'W., and the distance is 40.07 chs. From point 19 lks. S. of the $\frac{1}{4}$ sec. cor., continue West, with continuous measurement.
75.35	Fall 6 lks. S. of the cor. of secs. 16, 17, 20 and 21 hereinafter described. The bearing of this half mile therefore is S.89°47'W., and the distance is 35.28 chs.
	From the cor. of secs. 16, 17, 20 and 21. South, bet. secs. 20 and 21.
39.94	Fall 31 lks. E. of the $\frac{1}{4}$ sec. cor. hereinafter described. The bearing of this half mile therefore is S.0°27'W.,

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

and the distance is 39.94 chs.

From the cor. of secs. 16, 17, 20 and 21.

West, bet. secs. 17 and 20.

40.28 Fall 5 lks. S. of the $\frac{1}{4}$ sec. cor. hereinafter described.
The bearing of this half mile therefore is N.89°56'W.,
and the distance is 40.28 chs.

From point 5 lks. S. of the $\frac{1}{4}$ sec. cor., continue
West, with continuous measurement

79.42 Fall 1.55 chs. S. of the cor. of secs. 17, 18, 19 and 20
hereinafter described.
The bearing of this half mile therefore is N.87°49'W.,
and the distance is 39.17 chs.

From the cor. of secs. 17, 18, 19 and 20.

North, bet. secs. 17 and 18.

40.00 No trace of the $\frac{1}{4}$ sec. cor. can be found.

78.81 Fall 1.93 chs. E. of the cor. of secs. 7, 8, 17 and 18
hereinafter described.

The bearing of this mile therefore is N.1°24'W., and
the proportionate distance for each half mile is
39.42 chs.

From the cor. of secs. 7, 8, 17 and 18.

West, bet. secs. 7 and 18.

40.20 Fall 14 lks. S. of the $\frac{1}{4}$ sec. cor. hereinafter described.
The bearing of this half mile therefore is N.89°48'W.,
and the distance is 40.20 chs.

True lines.

From the standard cor. of secs. 35 and 36 on the S. bdy.
of the Tp.

N.0°34'W., bet. secs. 35 and 36.

Over rolling valley through short undergrowth.

2.40 Placer Creek Wash, 1 ch. wide, 5 ft. deep, drains NW.

Resurvey of the subdivision of T.25 S. R.23 E.

Chains

- 6.85 Old road, bears NE. and SW.
- 16.10 Wash, drains NW.
- 19.25 Old road, bears NW. and SE.
- 31.25 Wash, drains NW.
- 39.57 The $\frac{1}{4}$ sec. cor. which is a porphyry stone, 21x12x5 ins., lying on the ground, marked $\frac{1}{4}$ on one face; no access-ories to cor.
- Reset stone 3 ins. in the ground to solid rock and 12 ins. in a mound of stone, marked $\frac{1}{4}$ on W. face, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- Thence
N. 0° 13' E., with continuous measurement.
- 49.25 Wash, drains NW.
- 52.25 Wash, drains NW.
- 62.25 Wash, drains NW.
- 70.10 Wash, drains NW.
- 77.70 Telephone line, bears E. and W.
- 79.71 The cor. of secs. 25, 26, 35 and 36 which is a granite stone, 20x8x6 ins., loosely set in the ground, marked with 1 notch on E. and 1 notch on S. edge; no access-ories to cor.
- I reset stone firmly in the ground; from which
A cedar, 4 ins. diam., bears S. 30° W., 8 lks.
dist., marked T 25 S R 23 E S 35 B T
- Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- Land, rolling, drains NW.
- Soil, sandy loam and clay; 2nd. rate.
- Timber, a few scattering cedar on N. portion of mile.
- Undergrowth, sagebrush.
- Good grazing.
-
- From the cor. of secs. 25, 26, 35 and 36.
N. 89° 23' W., bet. secs. 26 and 35.
- Over rolling valley through very scattering timber and

Resurvey of the subdivision of T.25 S., R.23 E.

short undergrowth.

10.20 Wash, drains NW.

18.30 Wash, drains NW.

30.20 Wash, drains NW.

40.27 The $\frac{1}{4}$ sec. cor., which is a sandstone, 12x12x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face; no accessories to cor.

I mark bearing trees as follows:

A cedar, 4 ins.diam., bears S.5°E., 22 lks.
dist., marked $\frac{1}{4}$ S 35 BT

A cedar, 4 ins.diam., bears N.20°W., 12 lks.
dist., marked $\frac{1}{4}$ S 26 B T

Thence

S.88°21'W., with continuous measurement

52.80 Old road, bears NW. and SE.

69.40 Placer Creek Wash, 1 ch. wide, 15 ft. deep, drains NW.

80.29 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for reestablished cor. of secs. 26, 27, 34 and 35, with brass cap marked

T25S	R23E
S27	S26
S34	S35
1924	

from which

A cedar, 4 ins.diam., bears N.47°E., 60 lks.
dist., marked T 25 S R 23 E S 26 B T

A cedar, 5 ins.diam., bears S.39°E., 29 lks.
dist., marked T 25 S R 23 E S 35 B T

A cedar, 5 ins.diam., bears S.74°W., 34 lks.
dist., marked T 25 S R 23 E S 34 B T

A cedar, 6 ins.diam., bears N.19°W., 70 lks.
dist., marked T 25 S R 23 E S 27 B T

Land, rolling; general NW. exposure and drainage.

Soil, sandy and gravelly; 2nd. rate.

Timber, scattering scrub cedar and pinon.

Chains

Undergrowth, sagebrush and yellow tops.

Fair grazing.

From the cor. of secs. 26, 27, 34 and 35.

South, bet. secs. 34 and 35.

Gradually ascend over rolling land through scattering timber and short undergrowth.

40.00 (Record Distance.) Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
 S34 | S35
 1924

from which

A cedar, 8 ins. diam., bears N. 27° E., 203 lks. dist., marked $\frac{1}{4}$ S 35 B T

A cedar, 10 ins. diam., bears S. 16° W., 4.05 chs. dist., marked $\frac{1}{4}$ S 34 B T

For. land rating, see south half of this mile.

From the cor. of secs. 26, 27, 34 and 35.

West, bet. secs. 27 and 34.

Over broken bench land through scattering timber and short undergrowth.

8.60 Wash, drains NW.

12.60 Wash, drains NW.

18.00 Ascend NE. slope of small knoll.

24.00 Top of ascent on N. slope of knoll, descend NW. slope.

28.30 Base of descent, begin ascent of SE. slope of knoll.

31.25 Top of ascent on S. slope of knoll; descend.

38.15 Wash, drains NW.

40.00 (Record distance) Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., S. bdy. sec. 27, with brass cap marked

1527
 1924

. Resurvey of the subdivision of T.25 S., R.23 E.

Chains

from which

A cedar, 4 ins.diam., bears N.6°E., 28.lks.
dist., marked $\frac{3}{4}$ S 27 B T

A cedar, 6 ins.diam., bears N.18°W., 59 lks..
dist., marked $\frac{3}{4}$ S 27 B T

For land rating, see west half of this mile.

From the cor. of secs. 26,27,34 and 35.

North, bet. secs. 26 and 27.

Over rolling valley through short undergrowth.

4.00 Placer Creek Wash, 1 ch. wide, 15 ft. deep, drains NW.

25.15 Wash, drains NW.

29.00 Old road, bears NW. and SE.

40.00 Intersect the $\frac{1}{4}$ sec. cor. which is a granite stone,
14x6x5 ins. above ground firmly set, marked $\frac{1}{4}$ on W.
face; no accessories to cor.

Raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high, W.of cor.

Thence

N.0°20'E., with continuous measurement.

46.80 Wash, drains NW.

54.90 Wash, drains NW.

62.60 Wash, 100 lks. wide, 10 ft. deep, drains W.

65.90 Wash, drains W.

73.60 Wash, drains W.

80.10 The cor. of secs. 22,23,26 and 27 which is a porphyry
stone, 20x14x14 ins., loosely set in the ground, marked
with 2 notches on E. and 2 notches on S. edge; no
accessories to cor.

I reset stone firmly in the ground and raise a mound of
stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor.

Land, rolling valley; drains NW.

Soil, sandy clay loam and gravelly; 2nd. rate.

No timber.

Undergrowth, sagebrush.

Fair grazing.

. Resurvey of the subdivision of T.25 S., R.27 E.

Chains	
	From the cor. of secs. 22,23,26 and 27.
	S.89°13'W., bet. secs. 22 and 27.
	Over rolling valley through short undergrowth.
7.60	Low spur, 35 ft. above sec. cor., projects SW.; descend.
13.60	Draw, 125 ft. below spur, drains SW.; thence along S. side of lone basalt knoll.
18.00	Top of ascent on S. slope; gradually descend.
39.86	The $\frac{1}{4}$ sec. cor. which is a porphyry stone, 14x11x6 ins. lying on the ground, marked $\frac{1}{4}$ on one face; no accessories to cor.
	I reset stone, 10 ins. in the ground, marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	Thence
	S.88°49'W., with continuous measurement.
52.35	Wash, drains NW.
56.45	Old road, bears NW. and SE.
63.00	Wash, drains NW.
79.00	Wash, drains NW.
80.00	The cor. of secs. 21,22,27 and 28 which is a granite stone, 20x8x8 ins., lying on the ground, marked with 3 notches on one and 2 notches on cornering edge; no accessories to cor.
	I reset stone 15 ins. in the ground marked with 3 notches on E. and 2 notches on S. edge; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling valley; drains NW.
	Soil, sandy, gravelly and rocky; 2nd. rate.
	No timber.
	Undergrowth, sagebrush and black brush.
	Fair grazing.
	<hr/>
	From the cor. of secs. 21,22, 27 and 28.
	S.0°51'W., bet. secs. 27 and 28.
	Over rolling valley through scattering scrub timber and short undergrowth.

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

27.40 Placer Creek Wash, 1 ch. wide, 15 ft. deep, drains NW.

37.60 Northing of 40.00 chs. from the cor. of secs. 28 and 33 subsequently established.

Set an iron post; 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. E. bdy. sec. 28, with brass cap marked

$\frac{1}{4}$ S28

1924

from which

A cedar, 6 ins. diam., bears S.70°W., 15 lks.

dist., marked $\frac{1}{4}$ S 28 B T

Other accessories impracticable.

40.19 The original $\frac{1}{4}$ sec. bet. secs. 27 and 28 which is a sandstone 20x16x8 ins. lying on the ground, marked $\frac{1}{4}$ on one face; no accessories to cor.

I reset stone 15 ins. in the ground, marked $\frac{1}{4}$ on E. face for $\frac{1}{4}$ sec. cor. W. bdy. of sec. 27; from which

A cedar, 10 ins. diam., bears S.88°E., 25 lks.

dist., marked $\frac{1}{4}$ S 27 B T

Other accessories impracticable.

For land rating, see south half of this mile.

From the cor. of secs. 21, 22, 27 and 28.

West, bet. secs. 21 and 28.

Over rolling valley through scattering timber and short undergrowth.

22.00 Wire fence, bears NE. and SW.

22.40 Placer Creek Wash, 1 ch. wide, 15 ft. deep, drains NW.

34.40 Wash, drains N.

37.20 Wash, drains NE.

40.00 (Record distance). Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. S. bdy. of sec. 21, with brass cap marked

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

1/4 S21

1924

from which

A cedar, 12 ins.diam., bears N.70°E., 46 lks.
dist., marked 1/4 S 21 B T

A cedar, 14 ins.diam., bears N.14°E., 39 lks.
dist., marked 1/4 S 21 B T

For land rating, see W. half of this mile.

From the cor. of secs. 21,22,27 and 28.

N.0°47'E., bet. secs. 21 and 22.

Over rolling valley through short undergrowth.

2.30 Wash, drains NW.,

7.00 Wash, drains NW.

16.00 Wash, drains NW.

28.00 Enter broken land, bears E. and W.

38.40 Leave broken land, bears E. and W.

40.18 Proportionate measurement.

Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in
the ground on solid rock and 12 ins. in a mound of
stone for 1/4 sec. cor., with brass cap marked

1/4
S21 | S22

1924

Raise a mound of stone, 2 ft. base, 1 1/2 ft.high, W.of cor.

60.20 Wire fence, bears NE. and SW.

61.40 Wash, drains NW.

64.70 Wash, drains NW.

80.36 The cor. of secs. 15,16,21 and 22, which is a porphyry
stone, 12x10x5 ins. above ground, firmly set, marked
with 3 notches on E. and 3 notches on S. edge; no
accessories to cor.

Raise a mound of stone, 2 ft.base, 1 1/2 ft.high, W.of cor.
Land, rolling valley; drains NW.

Soil, sandy loam and gravelly; 2nd. rate.

No timber.

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

Undergrowth, sagebrush and black brush.

Good grazing.

 From the cor. of secs. 15, 16, 21 and 22.
N. $89^{\circ}44'$ W., bet. secs. 16 and 21.

Over rolling valley through short undergrowth.

9.50 Wash, drains NW.

20.30 Wash, drains NW.

40.07 The $\frac{1}{4}$ sec. cor. which is a porphyry stone, $8 \times 8 \times 4$ ins.
 above ground formly set and marked $\frac{1}{4}$ on N. face: no
 accessories to cor.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Thence

S. $89^{\circ}47'$ W., with continuous measurement.

60.10 Wash, drains NW.

71.60 Placer Creek Wash, 1 ch. wide, 15 ft. deep, drains NW.

75.35 The cor. of secs. 16, 17, 20 and 21 which is a sandstone,
 $12 \times 12 \times 10$ ins. above ground firmly set, marked with
 4 notches on E. and 3 notches on S. edge; no accessories
 to cor.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling valley; drains NW.

Soil, sandy clay loam and gravelly; 2nd. rate.

No timber.

Undergrowth, black sage.

Good grazing.

 From the cor. of secs. 16, 17, 20 and 21.
S. $0^{\circ}27'$ W., bet. secs. 20 and 21.

Over rolling valley through short undergrowth.

6.70 Wash, drains NW.

39.94 The $\frac{1}{4}$ sec. cor., which is a sandstone, $14 \times 12 \times 5$ ins.,
 loosely set in the ground and marked $\frac{1}{4}$ on W. face;
 no accessories to cor.

I reset stone firmly in the ground; from which

Resurvey of the subdivision of T. 25 S., R. 23 E.

Chains

A cedar, 6 ins. diam., bears N. $69\frac{1}{2}^{\circ}$ E., 73 lks.
dist., marked $\frac{1}{4}$ S 21 B. T.
A cedar, 5 ins. diam., bears S. 60° W., 42 lks.
dist., marked $\frac{1}{4}$ S 20 B. T.

For land rating, see south half of this mile.

From the cor. of secs. 16, 17, 20 and 21.

N. $89^{\circ}56'$ W., bet. secs. 17 and 20.

Over rolling valley through short undergrowth.

4.30 Wash, drains NW.

26.80 Wash, drains N.

35.00 Wash, drains NE.

38.75 Wash, drains N.

40.28 The $\frac{1}{4}$ sec. cor., which is a sandstone boulder, $3 \times 2\frac{1}{2} \times 2$ ft. in place, marked $\frac{1}{4}$ on top face; no accessories to cor.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Cor. stands in shallow wash, drains NE.

Thence

N. $87^{\circ}49'$ W., with continuous measurement.

79.45 The cor. of secs. 17, 18, 19 and 20, which is a sandstone, $18 \times 14 \times 4$ ins., loosely set in the ground, and marked with 5 notches on E. and 3 notches on S. edge; no accessories to cor.

Reset stone firmly in the ground, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling valley; drains NW.

Soil, sandy loam and gravelly; 2nd. rate.

No timber.

Undergrowth, black sage.

Good grazing.

From the cor. of secs. 17, 18, 19 and 20.

N. $1^{\circ}24'$ W., bet. secs. 17 and 18.

Over rolling valley or bench land through very scattering

Resurvey of the subdivision of T.25 S., R.23 E.

Chains

timber and short undergrowth.

39.42 Proportionate measurement.

Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \quad / \\ S18 \quad | \quad S17 \\ 1924 \end{array}$$

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
No suitable bearing trees available.

64.30 Wash, drains NW.

78.84 The cor. of secs. 7, 8, 17 and 18 which is a sandstone, 12x16x5 ins. above ground, firmly set, marked with 5 notches on E. and 4 notches on S. edge; no accessories to cor.

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling valley; drains NW.

Soil, sandy loam and gravelly; 2nd. rate.

Timber, a few scattering cedar and pinon.

Undergrowth, black sage.

Good grazing.

From the cor. of secs. 7, 8, 17 and 18.

N. $89^{\circ}48'$ W., bet. secs. 7 and 18:

Over rolling bench land through scattering timber and short undergrowth.

40.20 The $\frac{1}{4}$ sec. cor. which is a sandstone boulder, $3\frac{1}{2} \times 2 \times 2$ ft. in place, marked $\frac{1}{4}$ on N. face; from which

A cedar, 10 ins. diam., bears S. 46° W., 76 lks.
dist., marked $\frac{1}{4}$ S 18 B T

A cedar, 8 ins. diam., bears N. 33° W., 40 lks.
dist., marked $\frac{1}{4}$ S 7 B T

For land rating, see west half of this mile.

Chains

SUBDIVISION OF T.25 S., R.23 E.

The south half mile bet. secs. 34 and 35 is defined by a line connecting the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35 and the standard cor. of secs. 34 and 35 on the S. bdy. of the Tp. The standard cor. of secs. 34 and 35 falls on inaccessible ledges on break of mesa and a measurement to the true cor. point cannot be made, therefore a tie is made from the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35 to the witness cor. to the standard cor. of secs. 34 and 35 which is 10.73 chs. N.89°50'W. of the true cor. point as follows:

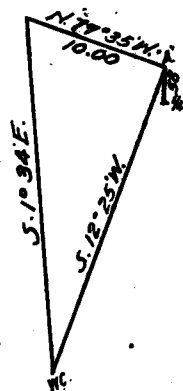
The line connecting the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35 and the witness cor. to the standard cor. of secs. 34 and 35 passes over breaks of mesa up which I cannot chain, I therefore make the following triangulation to the witness cor. to the standard cor. as follows:

From a point "A", 58 lks. N.

of the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, the witness cor. to the standard cor. bears S.12°25'W. I now measure a base line

N.77°35'W., 10.00 chs. and from the west end of the base

find that the witness cor. bears S.1°34'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation from point "A" to witness cor. = 40.16 chs.

The computed course and distance from the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35 to the witness cor. is S.12°36'W., 39.69 chs.

By computation the course and distance of the line connecting the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35 and

Subdivision of T.25 S., R.23 E.

the true point for the standard cor. of secs. 34 and 35 is found to be S.3° 06'E., 38.70 chs.

Land, north half mile rolling valley; S. half rough mountainous breaks of mesa.

Soil, of valley, sandy loam and gravelly; soil of mountainous land rocky and dry clay; 4th. rate.

Timber, scattering cedar and pinon.

Undergrowth, sagebrush and black brush.

Good grazing in valley.

From the reestablished $\frac{1}{4}$ sec. cor. S. bdy. sec. 27 originally the $\frac{1}{4}$ sec. cor. for secs. 27 and 34.

West, bet. secs. 27 and 34.

Ascend NE. slope over broken bench land through scattering timber and short undergrowth.

.62 Easting of 40.00 chs. from the cor. of secs. 27 and 34, at which point I subsequently,

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. N. bdy. sec. 34, with brass cap marked

$\frac{1}{4}$ S34
1924

from which

A cedar, 4 ins.diam., bears S.47°E., 40 lks.

dist., marked $\frac{1}{4}$ S 34 B T

A cedar, 6 ins.diam., bears S.59°W., 63 lks.

dist., marked $\frac{1}{4}$ S 34 B T

8.40 Wash, drains NE.

32.20 Draw, drains NE.

40.62 Set temp. cor. of secs. 27 and 34. The cor. of secs. 27 and 34 established at the point of intersection of a line produced west from the $\frac{1}{4}$ sec. cor. S. bdy. of sec. 27 with one projected south from the $\frac{1}{4}$ sec. cor. W. bdy. sec. 27 is subsequently established at this point. For description of cor. see line bet.

Subdivision of T.25 S., R.23 E.

chains

secs. 27 and 28.

Cor. stands 330 ft. above $\frac{1}{4}$ sec. cor. S. bdy. sec. 27.

Land, rolling valley on E. half mile and slope of mesa on west half.

Soil, sandy, gravelly and rocky of sandstone formation; 2nd. to 4th. rates.

Timber, scattering scrub cedar and pinon.

Undergrowth, black brush and sagebrush.

Fair grazing.

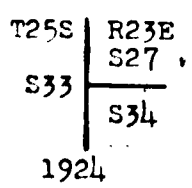
from the $\frac{1}{4}$ sec. cor. W. bdy. sec. 27, originally the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28.

South, bet. secs. 27 and 28.

Ascend over valley sloping N. through scattering timber and short undergrowth.

37.41 The cor. of secs. 28 and 33 subsequently established at this point. See line bet. secs. 28 and 33.

37.7. Intersect temp. cor. of secs. 27 and 34 established 4 .62 chs. west of the $\frac{1}{4}$ sec. cor. S. bdy. of sec. 27. Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground on solid rock and 18 ins. in a mound of stone for cor. of secs. 27 and 34, with brass cap marked



from which

A cedar, 6 ins.diam., bears N.82°E., 20 lks. dist., marked T 25 S R 23 E S 27 B T

A cedar, 8 ins.diam., bears S.27°E., 48 lks. dist., marked T 25 S R 23 E S 34 B T

Cor. stands 400 ft. above $\frac{1}{4}$ sec. cor. W. bdy. sec. 27.

Land, rolling and broken valley; general N. exposure and NW. drainage.

Soil, sandy loam, gravelly and rocky of sandstone

Subdivision of T.25 S., R.23 E.

Chains

formation 2nd. and 4th. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, sagebrush, black brush and yellow top.

Good grazing.

From the $\frac{1}{4}$ sec. cor. S. bdy. sec. 21 originally the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 28.

West, bet. secs. 21 and 28.

Ascend NE. slope on S. side of valley through scattering timber and short undergrowth.

.60 Easting of 40.00 chs. from the closing cor. of secs. 28 and 29 hereinafter described.

Subsequently, Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground on solid rock and 14 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. N. bdy. of sec. 28, with brass cap marked

$\frac{1}{4}$ S28
1924

from which

A cedar, 14 ins.diam., bears S.61°E., 37 lks.
dist., marked $\frac{1}{4}$ S 28 B T

A cedar, 6 ins.diam., bears S.72 $\frac{1}{2}$ °W., 42 lks.
dist., marked $\frac{1}{4}$ S 28 B T

34.40 Intersect line projected south from the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21.

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 20 and 21, with brass cap marked

T25S | R23E
S20 | S21

S28
1924

from which

A cedar, 8 ins.diam., bears N.5°E., 63 lks.

dist., marked T 25 S R 23 E S 21 B T

Subdivision of T.25 S., R.23 E.

Chains

A cedar, 8 ins.diam., bears N.26 $\frac{1}{2}$ °W., 56 lbs.
dist., marked T 25 S R 23 E S 20 B T

Cor. stands on NE. slope 300 ft. above $\frac{1}{4}$ sec. cor. sec.
Land, rolling on E. half and broken NE. slope on W.

half; general N. exposure and NW. drainage.

Soil, sandy, gravelly and rocky of sandstone formation;
2nd. to 4th. rates.

Timber, scattering scrub cedar and pinon.

Undergrowth, sage and black brush.

Fair grazing.

From the reconstructed $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21.
South, bet. secs. 20 and 21.

Gradually ascend over N. slope of rolling land through
scattering timber and short undergrowth.

4.30 Wash, drains NE.

27.10 Draw, drains NE.

40.76 Intersect the cor. of secs. 20 and 21.

Land, rolling valley; general N. exposure and NW. drainage.

Soil, sandy, gravelly and rocky of sandstone formation;
2nd. to 4th. rates.

Timber, cedar and pinon.

Undergrowth, black brush and sagebrush.

Good grazing.

From the cor. of secs. 17,18,19 and 20.
South, on temp. line bet. secs. 19 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. cor. of secs. 19 and 20.

From the cor. of secs. 20 and 21.

West, on true line along S. bdy. of sec. 20.

Over rough mountainous land on NE. break of mesa through
scattering timber and short undergrowth.

6.20 The closing cor. of secs. 28 and 29 subsequently
established at this point. See line bet. secs. 28 and

Subdivision of T.25 S., R.23 E.

Chains

The line west ascends high ledges and wall of mesa up which I cannot chain; to determine the distance to top of mesa I make the following triangulation:

From the cor. of secs.

20 and 21 set flag

West, on line on top

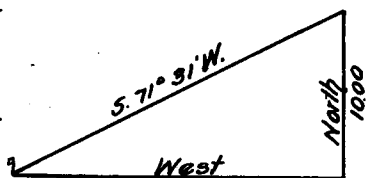
of mesa, then from sec.

cor. measure a base line

North, 10.00 chs. From

N. end of base the flag

on top of mesa bears S.71°31'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 29.92

29.92 Point of triangulation and top of ledge on rim of mesa, 1000 ft. above sec. cor., bears NW. and SE.; thence over mesa through scattering timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. S. bdy. sec. 20, with brass cap marked

$\frac{1}{4}$ S20.

1924

from which

A pinon, 6 ins.diam., bears N.69°E., 6 lks.

dist., marked $\frac{1}{4}$ S. 20 B T

A pinon, 4 ins.diam., bears N.33°W., 43 lks.

dist., marked $\frac{1}{4}$ S 20 B T

46.42 Point midway bet. the closing cor. of secs. 28 and 29 and the closing cor. of secs. 29 and 30.

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. N. bdy. sec. 29, with brass cap marked

Subdivision of T.25 S., R.23 E.

Chains

$\frac{1}{4}$ S29
1924

from which

A pinon, 6 ins.diam., bears S.70 $\frac{1}{2}$ °E., 64 lks.
dist., marked $\frac{1}{4}$ S 29 B T

A pinon, 8 ins.diam., bears S.23°W., 35 lks.
dist., marked $\frac{1}{4}$ S 29 B T.

79.08 Intersect line projected S. from the cor. of secs. 17,
18, 19 and 20, 2.71 chs. S. of the temp. cor. of
secs. 19 and 20.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for cor. of secs. 19 and 20, with brass cap
marked

T25S | R23E
S19 | S20

S29
1924

from which .

A cedar, 8 ins.diam., bears N.15°E., 45 lks.
dist., marked T 25 S R 23 E S 20 B T

A cedar, 6 ins.diam., bears N.3°W., 58 lks.
dist., marked T 25 S R 23 E S 19 B T

Land, E.29.92 chs. rough mountainous NE. break of mesa;
remainder of mile rolling and broken top of mesa.

Soil, sandy, rocky and clay; 3rd. and 4th. rates. Sand-
stone formation.

Timber, cedar and pinon..

Undergrowth, sagebrush, yellow top and black brush.

Fair grazing on mesa.

From the cor. of secs. 19 and 20.

North, bet. secs. 19 and 20.

Over rough, broken top of mesa through scattering timber
and short undergrowth.

9.25 Small draw, drains NW.

Subdivision of T.25 S., R.23 E.

Chains

15.80 Small canyon, drains NW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone over a cross (X) cut in surface rock for $\frac{1}{4}$ sec. cor. E. bdy. sec. 19, with brass cap marked

$\frac{1}{4}$ S19 | ✓

1924

from which

A cedar, 6 ins.diam., bears N.35°W., 25 lks.

dist., marked $\frac{1}{4}$ S 19 BT

No other trees available.

✓
42.71 Set an iron post, 3 ft. long, 1 in. in dia., 28 ins. in a large mound of stone over a cross (X) cut in surface rock for $\frac{1}{4}$ sec. cor. W. bdy. of sec. 20, with brass cap marked

| $\frac{1}{4}$ S20 ✓

1924

from which

A cedar, 8 ins.diam., bears N.43°E., 5 lks.

dist., marked $\frac{1}{4}$ S 20 B T

A cedar, 6 ins.diam., bears S.45°E., 48 lks.

dist., marked $\frac{1}{4}$ S 20 B T

46.50 Draw, drains NW.

52.29 Top of high ledge and rim of mesa down which I cannot chain, bears NW, and SE. To determine the distance to the north, I triangulate as follows:

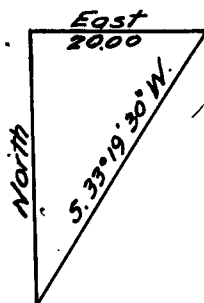
The cor. of secs. 17,18,19 and 20 is visible and bears North.

Erect a flag on ledge on top of mesa, then from the sec.

cor. measure a base line

east, 20.00 chs. From E. end of.

the base flag on top of ledge bears S.33°19'30"W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 30.42 chs. which added to

Subdivision of T.25 S., R.23 E.

Chains

52.29 chs. makes.

82.71 The cor. of secs. 17, 18, 9 and 20, 1000 ft. below top of mesa.

Land, S. 52.29 chs. rolling and broken mesa; remainder of mile precipitous N. break of mesa; general NW. drainage.

Soil, sandy, gravelly and rock; 3rd. rate.

Timber, cedar and pinon.

Undergrowth, black brush and sagebrush.

Fair grazing on mesa.

From the cor. of secs. 27 and 34.

South, on true line bet. secs. 33 and 34.

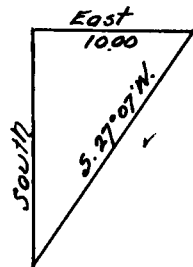
The line south ascends precipitous break of mesa crossing high ledges up which I cannot chain. To determine the distance to top of mesa I triangulate as follows:

From the cor. of secs. 27 and 34

set flag on line south on top of mesa, then from sec. cor. measure a base line east,

10.00 chs. From the E. end of

base the flag on mesa bears S. 27°07'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 19.53 chs.

19.53 Top of ledge and brink of mesa, 1000 ft. above sec. cor., bears NW. and SE.; thence over broken top of mesa through scattering timber and short undergrowth.

32.45 Small draw, drains SW.; gradually ascend.

37.40 Low spur, projects W.; gradually descend.

38.68 Point midway bet. the cor. of secs. 28 and 33 and the standard cor. of secs. 33 and 34.

Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. E. bdy. sec. 33, with brass cap

Subdivision of T.25 S., R.23 E.

Chains

marked

 $\frac{1}{4}$ S33 | ✓

1924

from which

A cedar, 8 ins.diam., bears N.29°W., 54 lks.

dist., marked $\frac{1}{4}$ S 33 B T.

A cedar, 6 ins.diam., bears S.49°W., 32 lks.

dist., marked $\frac{1}{4}$ S 33 B T

39.80 Top of ledge and N. rim of Nigger Bill Canyon, bears
E. and W.; descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in
the ground on solid rock and 22 ins. in a mound of stone
for $\frac{1}{4}$ sec. cor., W. bdy. sec. 34, with brass cap marked

| $\frac{1}{4}$ S34

1924

from which

A cedar, 4 ins.diam., bears N.61°E., 28 lks.

dist., marked $\frac{1}{4}$ S 34 B TA cedar, 7 ins.diam., bears S.17 $\frac{1}{2}$ °E., 31 lks.dist., marked $\frac{1}{4}$ S 34 B T

44.20 Telephone line, bears E. and W.

49.75 Bottom of Nigger Bill Canyon, 175 ft. below rim, drains
W.; ascend abruptly 225 ft. to

65.30 Top of ledge and S. rim of canyon, bears NW. and SE.

72.20 Road, from Castleton to Moab, Utah, bears NW. and SE.

78.69 Intersect Fifth Standard Parallel South, 4.84 chs.
original changed to angle point
N.89°58'W. of the $\frac{1}{4}$ standard cor. of secs. 33 and 34
heretofore described. Standard cor. of secs. 33 and
34 established at this point; for description of cor.
see resurvey of the Fifth Standard Parallel South,
R.23 E., this group.

Land, rolling and broken mesa and rough mountainous;
general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

Subdivision of T.25 S., R.23 E.

Chains

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, yellow top and black brush.

Fair grazing on mesa.

From the standard cor. of secs. 32 and 33 on the S. bdy.
of the Tp. heretofore described.

N.0°01'W., bet. secs. 32 and 33.

Over rough, broken mesa, through dense scrub timber
and short undergrowth,

10.90 Top of S. brink of Mill Creek Canyon, rimmed with high
ledges over which I cannot chain, bears NE. and SW.
To determine the distance to N. side of canyon, I
triangulate as follows:

Set flag on line N.0°01'W.

on N. side of canyon,

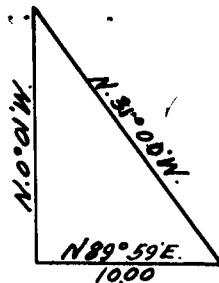
then measure a base line,

N.89°59'E., 10.00 chs.

From E. end of base flag

on N. side of canyon bears N.31°00'W. All bearings

taken by direct reading of the solar and angles checked
by deflection.



Distance by triangulation = 16.65 chs.

Total distance on line = 27.55 chs.

The approximate topography from the 10.90 chs. point is:
Descend abruptly.

20.00 Bottom of Mill Creek Canyon, drains SW.; ascend abruptly.

27.55 Point of triangulation on N. side of canyon on ridge
divide bet. Nigger Bill and Mill Creek Canyon, bears
NW. and SE.; descend towards rim of Nigger Bill Canyon.

32.80 Road from Castleton to Moab, Utah, bears NW. and SE.

32.90 Telephone line, bears NW. and SE.

37.97 Top of ledge and S. rim of Nigger Bill Canyon, bears NW.
and NE.; point for $\frac{1}{4}$ sec. cor. will fall on inaccessible
ground, therefore, at this point,

Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of

Subdivision of T.25 S., R.23 E.

Chains

stone for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

WC
 $\frac{1}{4}$
 S32 | S33
 1924

from which

A pinon, 6 ins.diam., bears S.36°E., 6 lks.

dist., marked W C $\frac{1}{4}$ S 33 B T

A pinon, 6 ins.diam., bears S.4 $\frac{1}{2}$ °W., 66 lks.

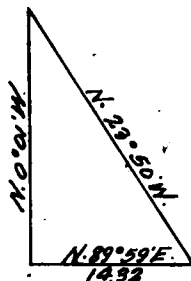
dist., marked W C $\frac{1}{4}$ S 32 B T

40.00 Point for $\frac{1}{4}$ sec. cor. falls on inaccessible ground; cor. point cannot be reached.

Being unable to chain across Nigger Bill Canyon on account of high ledges, I triangulate to the N. side from the witness cor. to the $\frac{1}{4}$ sec. cor. as follows:

From the witness cor. to the

$\frac{1}{4}$ sec. cor. set flag on line N.0°01'W. on N. side of canyon, then measure base line N.89°59'E., 14.32 chs. distant. From E. end of



base the flag on N. side of canyon bears N.23°50'W.

All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 32.44 chs.

Total distance on line = 70.41 chs.

The approximate topography from the witness cor. to the $\frac{1}{4}$ sec. cor. is:

Descend abruptly over ledges into Nigger Bill Canyon.

40.00 Point of $\frac{1}{4}$ sec. cor. on inaccessible ground.

55.00 Bottom of canyon, drains W.; ascend abruptly.

65.00 N. rim of Nigger Bill Canyon, bears E. and W.; thence over nearly level mesa.

70.41 Point of triangulation.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in

Subdivision of T.25 S., R.23 E.

Chains

the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 28, 29, 32 and 33, with brass cap marked

T25S	R23E ✓
S29	S28
S32	S33
1924	

from which

A pinon, 6 ins. diam., bears N. $40\frac{3}{4}^{\circ}$ E., 42 lks.

dist., marked T 25 S R 23 E S 28 B T

A pinon, 8 ins. diam., bears S. $12\frac{1}{2}^{\circ}$ E., 124 lks.

dist., marked T 25 S R 23 E S 33 B T

A pinon, 6 ins. diam., bears S. $19\frac{1}{4}^{\circ}$ W., 110 lks.

dist., marked T 25 S R 23 E S 32 B T

A pinon, 6 ins. diam., bears N. $77\frac{1}{2}^{\circ}$ W., 59 lks.

dist., marked T 25 S R 23 E S 29 B T

Land, rolling mesa broken by deep canyons draining W. and SW.

Soil, sandy and sandstone rock; 2nd. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, yellow top and black brush.

Fair grazing.

S. $89^{\circ}58'$ E., on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

59.31 Top of ledge and brink of mesa, down which I cannot chain to determine the distance on line to the east I triangulate as follows:

Set flag on line S. $89^{\circ}58'$ E.

and erect flag at this

point, then, from the E.

flag measure a base line

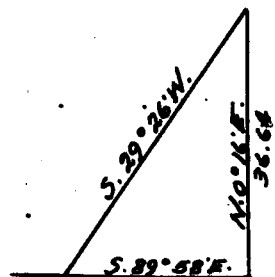
N. $0^{\circ}16'$ E., 36.64 chs. From

N. end of base the flag on

top of mesa bears S. $29^{\circ}26'$ W. All bearings taken by

direct reading of the solar and angles checked by

deflection.



Subdivision of T.25 S.1, R.23 E.

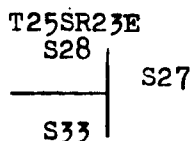
Chains

Distance by triangulation = 20.51 chs.

Total distance on line = 79.82 chs.

79.82 Intersect N. and S. line or W. bdy. of sec. 27, 1.33 chs. north of the cor. of secs. 27 and 34. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 28 and 33, with brass cap marked



1924

Deposit a stone, 8x6x4 ins. marked with a cross (X) on one face at base of monument.

No suitable bearing trees available.

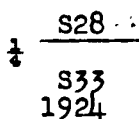
Thence

N.89°58'W. on true line bet. secs. 28 and 33.

(By triangulation) Ascend precipitous NE. breaks of mesa over ledges and boulders.

20.51 To point of triangulation on top of mesa about 750 ft. above sec. cor., bears NW. and SE.; thence over rough, broken top of mesa through dense timber and short undergrowth.

39.91 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 6 ins.diam., bears N.11 $\frac{3}{4}$ °E., 8 lks.

dist., marked $\frac{1}{4}$ S 28 B T

A pinon, 8 ins.diam., bears S.69 $\frac{1}{2}$ °E., 39 lks.

dist., marked $\frac{1}{4}$ S 33 B T

75.50 Low spur, projects SE.; descend.

79.82 The cor. of secs. 28, 29, 32 and 33.

Subdivision of T.25 S., R.23 E.

Chains

Land, E. 20.51 chs. rough break of mesa; remainder of
mile rolling and broken top of mesa.

Soil, sandy and rocky of sandstone formation; 2nd. to
4th. rates.

Timber, dense scrub cedar and pinon.

Undergrowth, sagebrush, yellow top and black brush.

Fair grazing on mesa.

N.0°01'W., on true line bet. secs. 28 and 29.

Ascend SW. slope over broken top of mesa through scatter-
ing timber and short undergrowth.

9.50 Spur, 150 ft. above sec. cor., projects SE.; descend.

26.30 Begin abrupt descent into canyon, bears NE. and SW.

29.00 Bottom of canyon, 150 ft. below spur, drains SW.; ascend.

35.20 Point projects SW. bet. left and right hand forks of
canyon; descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S29 | S28
1924

from which

A pinon, 8 ins. diam., bears N.85°E., 12 lks.

dist., marked $\frac{1}{4}$ S 28 B T

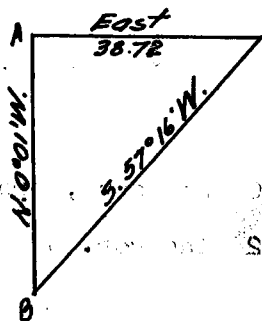
A pinon, 8 ins. diam., bears S.20°W., 14 lks.

dist., marked $\frac{1}{4}$ S 29 B T

41.00 Head of right hand fork of canyon, drains SW.

52.43 Top of high ledge and brink of mesa, down which I cannot
chain, bears NW. and SE.; to determine distance ahead
on line I triangulate as follows:

Set flag "A" on line N.0°01'W.
and erect flag "B" at this
point, then, from flag "A"
measure base line east, 38.72
chs. to point whence flag "B"



Subdivision of T.25 S., R.23 E.

Chains

bears S.57°16'W. All bearings taken by direct reading of the solar and angles checked by deflection.

Distance by triangulation = 24.89 chs.

Total distance on line = 77.32 chs.

77.32 To point of triangulation, 1000 ft. below top of mesa; continue abrupt descent.

77.40 Intersect E. and W. line, 6.20 chs. west of the cor. of secs. 20 and 21. At point of intersection, Set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground and 20 ins. in a mound of stone for closing cor. of secs. 28 and 29, with brass cap marked

S20

S29	S28
T25S	R23E
CC	
1924	

from which

A sandstone boulder, 5x4x3 ft., marked X BO S28 bears S.14°E., 26 lks. distant.

A pinon, 8 ins. diam., bears S.34°W., 55 lks. dist., marked T 25 S R 23 E S 29 B T

Land, rough, broken mesa on S. 52.43 chs. and precipitous N. break of mesa on remainder of mile.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, cedar and pinon.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing on mesa.

From the standard cor. of secs. 31 and 32 on the S. bdy. of the Tp. heretofore described.

N.0°01'W., bet. secs. 31 and 32.

Ascend over mountainous land through scattering timber and short undergrowth.

17.10 Ridge, 290 ft. above sec. cor., bears E. and W.; enter dense timber and begin descent towards Nigger Bill Canyon.

Subdivision of T.25 S., R.23 E.

Chains

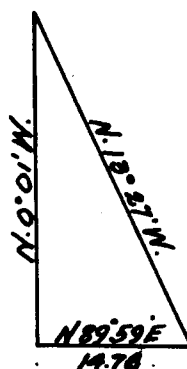
22.80 Telephone line, bears NE. and SW.
 23.20 Road, from Castleton to Moab, Utah, bears NE. and SW.
 25.00 Top of ledge and rim of Nigger Bill Canyon, bears E. and W.; descend abruptly.
 40.00 On slope of canyon, 400 ft. below ridge.
 Set a sandstone, 24x11x8 ins., 18 ins. in the ground, marked $\frac{1}{4}$ on W. face for $\frac{1}{4}$ sec. cor., and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 No suitable bearing trees available.
 No iron post was available at time cor. was established.
 Being unable to continue across Nigger Bill Canyon with chaining on account of ledges, I return to a point at 17.80 chs. on my line bet. secs. 31 and 32 and triangulate north as follows:

From the 17.80 chs. point

set flag on line N.0°01'W.,
 on N. side of Nigger Bill
 Canyon, then measure a base
 line N.89°59'E., 14.76 chs.

From E. end of base the flag
 on N. side of canyon, bears
 N.13°27'W. All bearings taken

by direct reading of the solar and angles checked
 by deflection.



Distance by triangulation = 61.80 chs.

Total distance on line = 79.60 chs.

The approximate topography north from the $\frac{1}{4}$ sec. cor.
 is as follows:

Continue abrupt descent into canyon.

43.00 Bottom of canyon, 60 ft. below $\frac{1}{4}$ sec. cor.; drains NW.;
 ascend abruptly.

55.00 Top of ledge and N. rim of canyon, bears E. and W.;
 thence over broken mesa.

79.60 Point of triangulation.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in

Subdivision of T.25 S., R.23 E.

Chains

the ground on solid rock and 24 ins. in a mound of stone for cor. of secs. 29, 30, 31 and 32, with brass cap marked . . .

T25S	R23E ✓
S30	S29
S31	S32
1924	

from which

A pinon, 8 ins.diam., bears N. $33\frac{3}{4}^{\circ}$ E., 28 lks.
dist., marked T 25 S R 23 E S 29 B T

A cedar, 4 ins.diam., bears S. 68° E., 28 lks.
dist., marked T 25 S R 23 E S 32 B T

A cedar, 3 ins.diam., bears S. $18\frac{1}{2}^{\circ}$ W., 88 lks.
dist., marked BT only.

A pinon, 3 ins.diam., bears N. $56\frac{1}{2}^{\circ}$ W., 41 lks.
dist., marked BT only.

Land, rough mountainous; general NW. exposure and drainage.

Soil, sandy and rocky of sandstone formation; 4th. rate.

Timber, -cedar and pinon.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

S. $89^{\circ}53'$ E., on a random line bet. secs. 29 and 32.

31.39 Brink of box canyon across which I cannot chain.

Set temp. $\frac{1}{2}$ sec. cor., then from a point at 30.19 chs.

on random line triangulate across canyon as follows:

From the 30.19 chs. point

set flag "A" on east side

of canyon, also erect flag

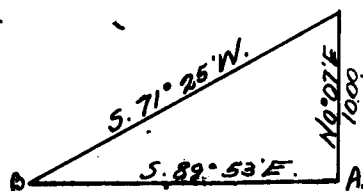
"B" at this point. Then

from flag "A" measure base

line N. $0^{\circ}07'$ E., 10.00 chs.

From the N. end of base

flag "B" bears S. $71^{\circ}25'$ W. All bearings taken by direct reading of the solar and angles checked by deflection.



Subdivision of T.25 S., R.25 E.

Chains	Distance by triangulation = 29.54 chs.
	Total distance on random line = 59.79 chs.
80.00	Intersect N. and S. line 23 lks. N. of the cor. of secs. 28, 29, 32 and 33.
	Thence
	N. 89° 43' W., on true line bet. secs. 29 and 32.
	Over mountainous land through dense timber and short undergrowth.
20.27	Point of triangulation on E. rim of box canyon, bears NE. and SW.
	Note: The bottom of the canyon is about 500 lks. west, drains SW. and is 200 ft. below.
	Thence by triangulation.
40.00	Point for $\frac{1}{4}$ sec. cor. falls on inaccessible ground and cannot be reached.
48.61	Top of ledge and W. rim of canyon, bears NE. and SW.
	Set an iron post, 3 ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S29}{S32} WC$ 1924
	from which
	A scrub cedar, 8 ins. diam., bears N. 68½° E., 19 lks. distant, marked W C $\frac{1}{4}$ S 29 B T
	A scrub cedar, 6 ins. diam., bears S. 67½° W., 110 lks. distant, marked W C $\frac{1}{4}$ S 32 B T
49.81	Point of triangulation; continue over rough, broken ground.
80.00	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous; general W. exposure and drainage.
	Soil, sandy and rocky of sandstone formation; 3rd. and 4th. rates.
	Timber, cedar and pinon.
	Undergrowth, sagebrush, black brush and mountain rush.

Subdivision of T.25 S., R.23 E.

Chains

Fair grazing.

N.89°47'W., on true line bet. secs. 30 and 31.

Over rough, broken mesa through dense timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 8 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \quad \underline{S30} \\ S31 \\ 1924 \end{array}$$

from which

A scrub cedar, 4 ins.diam., bears S.66 $\frac{1}{2}$ °W., 22 lks.dist., marked $\frac{1}{4}$ S 31 B T

A scrub cedar, 5 ins.diam., bears N.68 $\frac{1}{2}$ °W., 75 lks.dist., marked $\frac{1}{4}$ S 30 B T

55.45 Top of ledge and E. rim of box canyon, bears NE. and SW.; descend abruptly.

61.00 Bottom of canyon, about 200 ft. deep, drains SW.; ascend abruptly.

65.00 W. rim of canyon, bears NE. and SW.; continue over broken ground.

74.31 Intersect W. bdy. of the Tp. .68 chs. S.0°14'W. of the cor. of secs. 25 and 36, T.25 S., R.22 E. heretofore described. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for closing cor. of secs. 30 and 31, with brass cap marked

$$\begin{array}{r|l} T25S & \\ R22E & R23E \quad \checkmark \\ & S30 \\ S36 & \underline{\hspace{1cm}} \quad CO \\ & S31 \\ & 1924 \end{array}$$

from which

A pinon, 8 ins.diam., bears N.½°E., 109 lks.

dist., marked T 25 S R 23 E S 30 CC BT

A cedar, 7 ins.diam., bears S.39 $\frac{3}{4}$ °E., 44 lks.

Subdivision of T.25 S., R.23 E.

Chains	<p>dist., marked T 25 S R. 23 E S 31 CC BT</p> <p>Land, rough, broken mesa; general NW. exposure and drainage.</p> <p>Soil, sandy and sandstone rock; 3rd. and 4th. rates.</p> <p>Timber, cedar and pinon.</p> <p>Undergrowth, black brush, sagebrush and mountain rush.</p> <p>Fair grazing.</p>
	<p>From the cor. of secs. 19, and 20 heretofore described.</p> <p>N. 89° 47' W., on true line along S. bdy. sec. 19.</p> <p>Gradually descend over mountainous land through dense scrub timber and short undergrowth.</p>
7.56	The closing cor. of secs. 29 and 30 subsequently established at this point.
16.70	Head of small draw, 65 ft. below sec. cor., drains NE.
21.30	Draw, 200 ft. below sec. cor., drains N.; gradually ascend.
30.40	Low spur, projects N.; gradually descend.
40.00	Head of small draw, drains N.
	<p>Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. S. bdy. sec. 19, with brass cap marked</p> <p style="text-align: center;"><u>$\frac{1}{4}$S19</u></p> <p style="text-align: center;">1924</p> <p>from which</p> <p style="padding-left: 40px;">A pinon, 3 ins. diam., bears N. 34° E., 28 lks.</p> <p style="padding-left: 80px;">dist., marked BT</p> <p style="padding-left: 40px;">A pinon, 7 ins. diam., bears N. 58° W., 100 lks.</p> <p style="padding-left: 80px;">dist., marked $\frac{1}{4}$ S 19 B T</p>
47.56	<p>Westing of 40.00 chs. from the closing cor. of secs. 29 and 30.</p> <p>Set an iron post, 3 ft. long, 1 in. in dia., 5 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. N. bdy. sec. 30, with brass cap marked</p>

Subdivision of T.25 S., R.23 E.

Chains

1/4 S 30
1924

from which

A pinon, 8 ins. diam., bears S. $28\frac{3}{4}^{\circ}$ E., 38 lks.dist., marked $\frac{1}{4}$ S 30 B-TA pinon, 10 ins. diam., bears S. $32\frac{1}{4}^{\circ}$ W., 152 lks.dist., marked $\frac{1}{4}$ S 30 B T

81.31 Intersect W. bdy. of the Tp. 3.08 chs. S. $0^{\circ}09'$ E. of the
cor. of secs. 24 and 25, T.25 S., R.22 E. heretofore
described. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 30 ins. in
a large mound of stone over a cross (X) cut in surface
rock for closing cor. of secs. 19 and 30, with brass
cap marked

T25S
R22E | R23E
S25 | S19
| S30 CC
1924

from which

A pinon, 10 ins. diam., bears N. $7\frac{1}{4}^{\circ}$ E., 77 lks.

dist., marked T 25 S R 23 E S 19 CC BT

A pinon, 10 ins. diam., bears S. $49\frac{1}{2}^{\circ}$ E., 38 lks.

dist., marked T 25 S R 23 E S 30 CC BT

Land, rolling and broken mesa; general NW. exposure and
drainage.

Soil, sandy and rocky of sandstone formation; 2nd. to
4th. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

From the cor. of secs. 29, 30, 31 and 32.

N. $0^{\circ}01'$ W., on true line bet. secs. 29 and 30.

Over rough, broken mesa through dense timber and short
undergrowth.

Subdivision of T.25 S., R.23 E.

Chains

- 14.30 S. rim of isolated mesa, bears NW. and SE.
 24.85 N. rim of mesa, bears NE. and SW.; descend abruptly.
 29.40 Bottom of canyon, 160 ft. below rim drains W. about 20
 chs. distant thence SW.; ascend.
 39.20 Spur, 185 ft. above canyon, projects W. ; descend.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in
 the ground on solid rock and 24 ins. in a mound of
 stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S30 | S29
 1924

from which

A scrub cedar, 6 ins. diam., bears N. $22\frac{1}{2}^{\circ}$ E., 36

lks. dist., marked $\frac{1}{4}$ S 29 B T

A scrub cedar, 6 ins. diam., bears S. $45\frac{3}{4}^{\circ}$ W., 58

lks. dist., marked $\frac{1}{4}$ S 30 B T

- 46.40 Draw, 115 ft. below $\frac{1}{4}$ sec. cor., drains W.: ascend.
 68.85 Rim, 185 ft. above draw, bears NE. and SW.; thence over
 broken mesa.
 77.32 Intersect S. bdy. sec. 19, 7.56 chs. N. $89^{\circ}47'$ W. of the
 cor. of secs. 19 and 20. At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in
 the ground on solid rock and 14 ins. in a mound of
 stone for closing cor. of secs. 29 and 30, with brass
 cap marked

S19

 S30 | S29
 T25S | R23E
 CC
 1924

from which

A pinon, 6 ins. diam., bears S. $82\frac{1}{2}^{\circ}$ E., 74 lks.

dist., marked T.25 S. R.23 E. S.29 CC BT

A cedar, 8 ins. diam., bears S. $72\frac{1}{4}^{\circ}$ W., 23 lks.

dist., marked T.25 S. R.23 E. S.30 CC B T

Land, rough, broken mesa; general W. exposure and drain-
 age.

Subdivision of T.25 S., R.23 E.

Chains

Soil, sandy and rocky of sandstone formation; 2nd. and 3rd. rates.

Timber, cedar and pinon.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing.

From the cor. of secs. 17, 18, 19 and 20.

N.89°47'W., on true line bet. secs. 18 and 19.

The line west ascends break of high mesa rimmed with walls of sandstone, up which I cannot chain. To determine the distance to top of mesa, I triangulate as follows:

From the cor. of secs. 17,

18, 19 and 20 set flag "A"

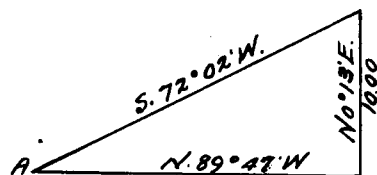
of line N.89°47'W., then

from sec. cor measure a

base line N.0°13'E., 10.00

chs. From the N. end of the

base flag "A" bears S.72°02'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 30.42 chs.

30.42 Top of ledges and brink of high mesa, 1000 ft. above sec. cor., bears NW. and SE.; thence over broken top of mesa through scrub timber and short undergrowth.

40.00 Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in dia., 30 ins. in a large mound of stone over a cross (X) cut in surface rock for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \hline \text{S18} \\ \text{S19} \\ 1924 \end{array}$$

from which

Face of sandstone ledge, marked X BO S19, bears S.4 lks. distant.

No other bearing trees or objects available.

Cor. stands in draw, drains SW.

60.50 Draw, or canyon, 250 ft. below top of brink of mesa,

Subdivision of T.25 S., R.22 E.

Chains

drains NW.

81.00

Intersect W. bdy. of the Tp. 1.60 chs. S.0°09'W. of the cor. of secs. 13 and 24, T.25 S., R.22 E. heretofore described. At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for closing cor. of secs. 18 and 19, with brass cap marked

T25S
 R22E | R23E
 | S18
 S24 | _____ CC
 | S19
 1924

from which

Face of sandstone ledge, marked X BO S18, bears N.15°E., 24 lks. distant.

Sandstone boulder, 6x5x4 ft., marked X BO S19, bears S.87½°E., 13 lks. distant.

Land, E. 30.04 chs. rough break of mesa; NE. exposure and general NW. drainage. Remainder of mile rolling and broken top of mesa; general NW. exposure and drainage.

Soil, red clay and rock of sandstone formation on break of mesa and sand and rock on top of mesa; 2nd. to 4th. rates.

Timber, scrub cedar and pinon.

Undergrowth, sagebrush, black brush and mountain rush.

Fair grazing on top of mesa.

From the reconstructed original ¼ sec. cor., bet. secs. 7 and 18.

West, on true line bet. secs. 7 and 18.

Ascend over broken E. and NE. slopes of mesa through scattering scrub timber and short undergrowth.

15.93

Set flag for future reference.

30.83

Further measurement to the west on this line is impossible.

Subdivision of T.25 S., R.23 E.

Chains

on account of high ledges and breaks of mesa. The point for the cor. of secs. 12 and 13, E. bdy. T.25 S., R.22 E. falls on inaccessible ground, the cor. is not established nor can the true cor. point be reached, therefore, to make a tie to the Tp. bdy., I proceed as follows:

Erect a flag at my 30.83 chs. point, and then return to flag left at 15.93 chs., then from flag at 15.93 chs. offset as follows:

North, 39.78 chs., then

West, 23.55 chs. to the W. bdy. of the Tp. which I intersect at the $\frac{1}{2}$ sec. cor. W. bdy. sec. 7, T.25 S., R.23 E. heretofore described and which is 37.49 chs. N.0°19'W. of the true point for the cor. of secs. 12 and 13, E. bdy. T.25 S., R.22 E. determined by triangulation and recorded in the notes of the resurvey of the W. bdy. of this Tp. under this group.

By computation, therefore, the distance of the west half mile bet. secs. 7 and 18 is found to be 39.26 chs. and the line intersects the W. bdy. of the Tp. 2.29 chs. S.0°19'E. of the true point for cor. of secs. 12 and 13, T.25 S., R. 22 E.

The true point for the closing cor. of secs. 7 and 18 falls in ledges and cannot be reached, therefore, I return to my flag at 30.83 chs. which is 8.43 chs. E. of the true cor. point, and

Set an iron post, 3 ft. long, 2 ins. in dia., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for witness cor. to the closing cor. of secs. 7 and 18, with brass cap marked

T25S		
R22E	|	R23E
WC	|	37
S13	|	CC
	|	S18
		1924

From which

A sandstone boulder, 6x6x6 ft., marked X BO S 18,
bears S.30°E., 6 lks. distant.

Subdivision of T.25 S., R.23 E.

Chains

Other accessories impracticable.

Cor. stands 450 ft. above $\frac{1}{4}$ sec. cor. bet. secs. 7 and 18.

39.26 Intersect W. bdy. of the Tp. 2.29 chs. S.0°19'E. of the true point for the cor. of secs. 12 and 13, E. bdy. T.25 S., R.22 E. Point for cor. falls in ledges, no cor. set.

Land, rough mountainous; general NE. break of mesa; drainage. NE.

Soil, red sandy clay and rocky of sandstone formation; 4th. rate.

Timber, a few scattering scrub cedar and pinon.

Undergrowth, sagebrush and shadscale.

Poor grazing.

BOUNDARIES OF T.25 S., R.23 E.

Latitudes, departures and closing errors.

Lines designated	True bearings	Distances	Latitudes		Departures	
			N	S	E	W
W. bdy. T25SR23E	S.0°05'E.	39.89	.....	39.89	.06	.....
"	S.0°19'E.	57.10	.....	57.10	.32	.....
"	South	19.36	.....	19.36	.....	.....
"	S.0°09'W.	40.10	.....	40.10	.....	.11
"	S.0°09'W.	40.60	.....	40.60	.....	.11
"	S.0°18'W.	40.31	.....	40.31	.....	.21
"	S.0°09'E.	40.00	.....	40.00	.10	.....
"	S.0°48'W.	39.68	.....	39.68	.....	.55
"	S.0°14'W.	40.22	.....	40.22	.....	.16
"	S.0°20'W.	40.23	.....	40.23	.....	.23
S. bdy. T25SR23E	S89°59'E.	39.87	.....	.01	39.87	.....
"	S89°33'E.	39.83	.....	.31	39.83	.....
"	S89°42'E.	39.73	.....	.21	39.73	.....
"	N89°58'E.	39.92	.02	.....	39.92	.....
"	S89°59'E.	40.05	.....	.01	40.05	.....
"	S89°58'E.	40.03	.....	.02	40.03	.....
"	S89°45'E.	39.18	.....	.17	39.18	.....
"	S89°57'E.	27.85	.....	.02	27.85	.....
"	S89°50'E.	88.83	.....	.26	88.83	.....
Bet. secs. 35&36	N.0°34'W.	39.57	39.57	.....	.....	.39
"	N.0°13'E.	40.14	40.14	.....	.15	.....
Bet. secs. 26&35	N89°23'W.	40.27	.43	.....	.....	40.27
"	S88°21'W.	40.02	.....	1.15	.....	40.00
Bet. secs. 26&27	North	40.00	40.00	.....	.....	.....
"	N.0°20'E.	40.10	40.10	.....	.23	.....
			160.26	399.65	396.15	82.03

Boundaries of T.25 S., R.23 E.

Latitudes, departures and closing errors, continued.

Totals brought forward			160.26	399.65	396.15	82.03
Bet. secs. 22 & 27	S. 89° 13' W.	39.86	.....	.....	.....	39.86
"	S. 88° 49' W.	40.14	.....	.....	.....	40.13
Bet. secs. 21 & 22	N. 0° 47' E.	80.36	80.36	.....	1.10	.....
Bet. secs. 16 & 21	N. 89° 44' W.	40.07	.19	.....	.....	40.07
"	S. 89° 47' W.	35.28	.....	.13	.....	35.28
Bet. secs. 17 & 20	N. 89° 56' W.	40.28	.05	.....	.....	40.28
"	N. 87° 49' W.	39.17	1.49	.....	.....	39.16
Bet. secs. 17 & 18	N. 1° 24' W.	78.84	78.82	.....	.....	1.93
Bet. secs. 7 & 8	North	80.00	80.00	.....	.....	.....
Bet. secs. 6 & 7	S. 89° 50' W.	79.39	.....	.23	.....	79.39
Convergency			.....	.....	.....	.22

Totals	401.17	401.38	397.25	398.35
Error in latitude		401.17		
		.21		397.25
Error in departure			1.10	

GENERAL DESCRIPTION

The land embraced in this township is very broken, the West and Southwest portion is high mesa land cut by many deep box canyons with a general drainage to the West. The portion of the township below the Castle valley rims drains into Placer Creek which has a general north drainage.

The soil is very poor 3rd and 4th rate, sandy loam with much broken sandstone mixed with it. There is a great deal of surface sandstone in the west and southwest portion. No land in the township suitable for agricultural purposes.

The only timber is scrub juniper and pinon of no commercial value. A medium growth of black brush and sage brush throughout the township.

No surface indication of coal, minerals or oil in the township.

GENERAL DESCRIPTION

There are no settlers in the township. A road from Moab Utah to Castleton Utah, enters the township in the southwest quarter of sec 31, and leaves the township in the south east quarter of section 34. A road from Castleton to Cisco Utah enters the township in the southeast quarter of section 36 and leaves in the northwest quarter of section 27.

The nearest Post Office is Castleton Utah located near the southeast corner of the township. There are only two families living in Castleton at time of the survey, which a few years ago had a population of over a hundred.

Water is very scarce in the township, only one small spring in the southwest quarter of the southeast quarter of section 31.

The principal industry is stock raising, and the only time stock can range is during the winter months. There is a sparse growth of bunch grass thru the township.

The magnetic declination was not taken because of defective needle.

1-800

FIELD ASSISTANTS.

● **574**

CERTIFICATE OF UNITED STATES SURVEYORS.

Willis W. Bandy

and
Chas. F. Moore

U. S. Surveyors, hereby certify upon honor that,

of special instructions received from the U. S. Surveyor General for Utah

bearing date of the 25th day of January, 1924, we have well, faithfully, and

in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of resurvey of the

fifth Standard Parallel South, through R. 23 E., resurvey of the

west boundary and subdivision and survey of the subdivision of

T. 25 S., R. 23 E.

of the Salt Lake Basin

and Meridian, in the State of Utah,

and date diagram

the foregoing field notes/as having been executed by us our on dates shown on dis-

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-

tions, and the special written instructions of the U. S. Surveyor General for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at:

Louis, Colo. July 18, 1925

Newhouse, Utah July 31, 1925

Chas. F. Moore

Willis W. Bandy

U. S. Surveyor.

U. S. Survey

APPROVAL.

Supervisor of Surveys,
OFFICE OF THE UNITED STATES ~~Surveyor General~~

July 1, 1927. 19

The foregoing field notes of the ~~survey of~~ resurvey of the fifth standard parallel
south, through range 23 east; resurvey of the west boundary and subdivision
and survey of the subdivision of T. 25 S., R. 23 E., S. L. B. & M.,

executed by Chas. F. Moore and Willis W. Bandy, U. S. Surveyors,

under ~~the~~ special instructions dated January 25, 1924, 19 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.



U. S. Supervisor of Surveys. ~~U. S. Surveyor General~~

I certify that the foregoing transcript of the field notes of the above described surveys in

 , has been correctly copied from the original notes on file in this office.